Product Datasheet

SDHB Antibody [CoraFluor™ 1] NBP1-54154CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NBP1-54154CL1

Updated 10/22/2024 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications Submit a review at www.novusbio.com/reviews/destination/NBP1-54154CL1



NBP1-54154CL1

SDHB Antibody [CoraFluor™ 1]

Unit Size 0.1 ml Concentration Please see the vial label for concentration. If unlisted please contact technical services. Storage Store at 4C in the dark. Do not freeze. Clonality Polyclonal Preservative No Preservative Isotype IgG Conjugate CoraFluor 1 Purity Immunogen affinity purified Buffer PBS Product Description CoraFluor(1M) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 an absorb UV light at approximately 430 nm, and emits at approximately 400 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb UV light at approximately 430 nm, and emits at approximately. 400 nm, 545 nm, 585 nm and 620 nm. It is compatible with correlinor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Rabbit Gene ID G390 Gene Symbol SDHB Species Human, Mouse Reactivity Notes Immunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish. Marker <	Product Information	
services. Storage Store at 4C in the dark. Do not freeze. Clonality Polyclonal Preservative No Preservative Isotype IgG Conjugate CoraFluor 1 Purity Immunogen affinity purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1 can be used for the development or robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Rabbit Gene ID 6390 Gene Symbol SDHB Species Human, Mouse Reactivity Notes Immunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish. Marker Mitochondria Marker Immunogen A genomic peptide made to an N-terminal region of the human SDHB protein (with in residues 1-150). [Swiss-Prot P21912] Notes CoraFluor	Unit Size	0.1 ml
Clonality Polyclonal Preservative No Preservative Isotype IgG Conjugate CoraFluor 1 Purity Immunogen affinity purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 asborbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1 c	Concentration	·
PreservativeNo PreservativeIsotypeIgGConjugateCoraFluor 1PurityImmunogen affinity purifiedBufferPBSProduct DescriptionCoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1. CoraFluor(TM) 1. coraFluor(TM) 1. CoraFluor(TM) 1. CoraFluor(TM) 2. CoraFluor(TM) 2.HostRabbitGene ID6390Gene SymbolSDHBSpeciesHuman, MouseReactivity NotesMitochondria MarkerImmunogenA genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application Details	Storage	Store at 4C in the dark. Do not freeze.
IsotypeIgGConjugateCoraFluor 1PurityImmunogen affinity purifiedBufferPBSProduct DescriptionCoraFluor(TM) 1 is a high performance terbium-based TR+FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 454 nm, 585 nm and 620 nm. It is compatible with common accept dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development, ternary complex, protein-protein interaction and protein quantification assays.HostRabbitGene IDG390Gene IDSDHBSpeciesHuman, MouseReactivity NotesImmunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish.MarkerMitochondria MarkerImmunogenA genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunohistochemistry/ Immunofluorescence, Immunohistochemistry/ Immunofluorescence, Immunohistochemistry/ Immunofluorescence, Immunohistochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin	Clonality	Polyclonal
Conjugate CoraFluor 1 Purity Immunogen affinity purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb UV light at approximately of CoraFluor(TM) 1. coraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Rabbit Gene ID 6390 Gene Symbol SDHB Species Hurman, Mouse Reactivity Notes Immunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish. Marker Mitochondria Marker Immunogen A genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912] Notes CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 Product Application Details Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohi	Preservative	No Preservative
Purity Immunogen affinity purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Rabbit Gene ID 6390 Gene Symbol SDHB Species Human, Mouse Reactivity Notes Immunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish. Marker Mitochondria Marker Immunogen A genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912] Notes CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 Product Application Details Western Blot, Immunohistochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin Recommended Dilutions Western Blot, Immunohistochemis	Isotype	IgG
Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs 2UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Rabbit Gene ID 6390 Gene Symbol SDHB Species Human, Mouse Reactivity Notes Immunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish. Marker Mitochondria Marker Immunogen A genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912] Notes CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 Product Application Details Applications Applications Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin Recommended Dilutions Western Blot, Immunocytochemistry-Paraffin <th>Conjugate</th> <th>CoraFluor 1</th>	Conjugate	CoraFluor 1
Product Description Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Rabbit Gene ID 6390 Gene Symbol SDHB Species Human, Mouse Reactivity Notes Immunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish. Marker Mitochondria Marker Immunogen A genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912] Notes CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 Product Application Details Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunocytochemistry-Paraffin Recommended Dilutions Western Blot, Immunohistochemistry-Paraffin	Purity	Immunogen affinity purified
DescriptionCoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 450 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.HostRabbitGene ID6390Gene SymbolSDHBSpeciesHuman, MouseReactivity NotesImmunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish.MarkerMitochondria MarkerImmunogenA genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 202/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Immunohistochemistry-Paraffin	Buffer	PBS
Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.HostRabbitGene ID6390Gene SymbolSDHBSpeciesHuman, MouseReactivity NotesImmunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish.MarkerMitochondria MarkerImmunogenA genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunohistochemistry/Immunofluorescence, Immunohistochemistry. Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Immunohistochemistry. Paraffin	Product Description	
Gene ID6390Gene SymbolSDHBSpeciesHuman, MouseReactivity NotesImmunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish.MarkerMitochondria MarkerImmunogenA genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 	Description	Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and
Gene SymbolSDHBSpeciesHuman, MouseReactivity NotesImmunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish.MarkerMitochondria MarkerImmunogenA genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin	Host	Rabbit
SpeciesHuman, MouseReactivity NotesImmunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish.MarkerMitochondria MarkerImmunogenA genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin	Gene ID	6390
Reactivity NotesImmunogen sequence has 92% identity to rat, cow and pig, 85% identity to Xenopus and 84% identity to Zebrafish.MarkerMitochondria MarkerImmunogenA genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/Paraffin	Gene Symbol	SDHB
Xenopus and 84% identity to Zebrafish.MarkerMitochondria MarkerImmunogenA genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin	Species	Human, Mouse
ImmunogenA genomic peptide made to an N-terminal region of the human SDHB protein (within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Immunohistochemistry, Immunohistochemistry/ Immunohistochemistry.Paraffin	Reactivity Notes	
(within residues 1-150). [Swiss-Prot P21912]NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/ Paraffin	Marker	Mitochondria Marker
only under agreement from Massachusetts General Hospital. US patent 2022/0025254 Product Application Details Applications Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin Recommended Dilutions Western Blot, Immunohistochemistry, Immunocytochemistry/ Paraffin	Immunogen	
Applications Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin Recommended Dilutions Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin	Notes	only under agreement from Massachusetts General Hospital. US patent
Immunohistochemistry, Immunohistochemistry-Paraffin Recommended Dilutions Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin	Product Application Details	
Immunofluorescence, Immunohistochemistry-Paraffin	Applications	
Application NotesOptimal dilution of this antibody should be experimentally determined.	Recommended Dilutions	
	Application Notes	Optimal dilution of this antibody should be experimentally determined.





Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112 USA Phone: 303.730.1950 Toll Free: 1.888.506.6887 Fax: 303.730.1966 nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave Toronto, ON M8Z 4E6 Canada Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402 canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com Technical Support: nb-technical@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

Products Related to NBP1-54154CL1

NBP2-30677PEP	SDHB Recombinant Protein Antigen
NBL1-15766	SDHB Overexpression Lysate
AF482	Ret Antibody [Unconjugated]
AF3398	Catalase Antibody [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-54154CL1

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications

www.novusbio.com

