

Product Datasheet

TrkB Antibody (OTI2E1) NBP1-47898

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-47898

Updated 10/23/2024 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/NBP1-47898



NBP1-47898

TrkB Antibody (OTI2E1)

Product Information	
Unit Size	0.1 ml
Concentration	1.17 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2E1
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	92 kDa

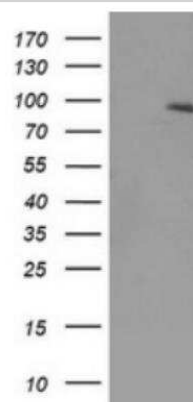
Product Description	
Host	Mouse
Gene ID	4915
Gene Symbol	NTRK2
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This antibody is specific for Homo sapiens neurotrophic tyrosine kinase, receptor, type 2 (NTRK2), transcript variant b.
Immunogen	Full-length protein expressed in 293T cell transfected with human NTRK2 expression vector

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

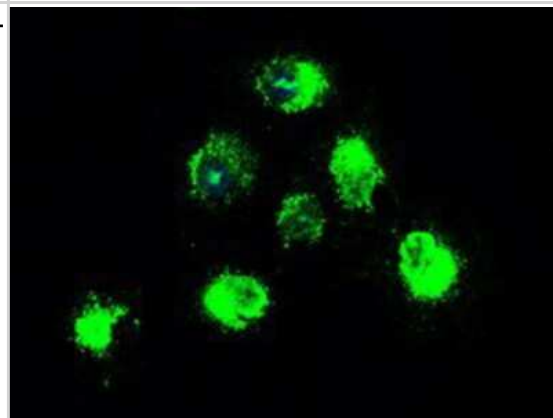


Images

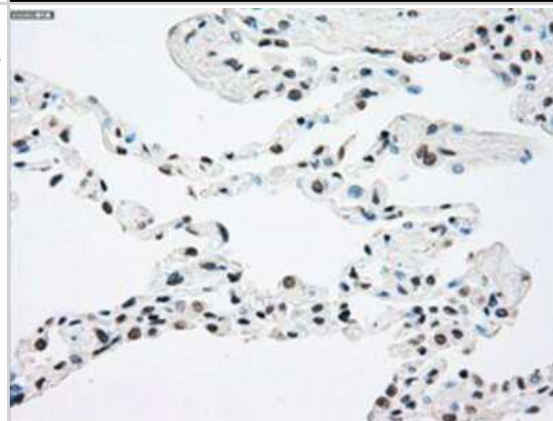
Western Blot: TrkB Antibody (2E1) [NBP1-47898] - HEK293T cells were transfected with the pCMV6- ENTRY control (Left lane) or pCMV6-ENTRY NTRK2 (RC205129, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with antiNTRK2.



Immunocytochemistry/Immunofluorescence: TrkB Antibody (2E1) [NBP1-47898] Staining of COS7 cells transiently transfected by pCMV6-ENTRY TrkB.



Immunohistochemistry-Paraffin: TrkB Antibody (2E1) [NBP1-47898] - Staining of paraffin-embedded Human lung tissue using anti-TrkB mouse monoclonal antibody.



Publications

Viventi S, Frausin S, Howden SE et al. In vivo survival and differentiation of Friedreich ataxia iPSC-derived sensory neurons transplanted in the adult dorsal root ganglia Stem cells translational medicine 2021-03-18 [PMID: 33734599]

Hulme AJ, McArthur JR, Maksour S et al. Molecular and Functional Characterization of Neurogenin-2 Induced Human Sensory Neurons Frontiers in cellular neuroscience 2020-12-04 [PMID: 33362470] (ICC/IF, Human)

Dawson H, Grundmann S, Koelzer Vh et al. TrkB expression in colorectal cancers highlights anoikis-resistance as a survival mechanism of tumor budding cells. Histopathology. 2014-11-08 [PMID: 25382057] (IHC-P, Human)



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@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-47898

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP3-16988PEP	TrkB Recombinant Protein Antigen

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/NBP1-47898

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

