

Product Datasheet

SDHB Antibody (SDHB/2382) [Alexa Fluor® 405] NBP3-08537AF405

Unit Size: 100 ul

Store at 4C in the dark.

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NBP3-08537AF405

SDHB Antibody (SDHB/2382) [Alexa Fluor® 405]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SDHB/2382
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Alexa Fluor 405
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	6390
Gene Symbol	SDHB
Species	Human
Marker	Pheochromocytoma Marker
Specificity/Sensitivity	Succinate dehydrogenase (SDH) is Complex II in the mitochondria, vital for mitochondrial electron transport, as well as Krebs cycle function. Four subunits comprise the SDH protein complex: a flavochrome subunit (SDHA), an iron-sulfur protein (SDHB) and two membrane-bound subunits (SDHC and SDHD) anchored to the inner mitochondrial membrane. The SDH complex functions as a tumor suppressor. Loss of any subunit proteins lead to destabilization of the complex and tumor formation. Antibody to SDHB is helpful in the identification of pheochromocytomas, paragangliomas and GIST.
Immunogen	Recombinant fragment (around aa 165-273) of human SDHB protein (exact sequence is proprietary) (Uniprot: P21912)

Notes	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>
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Product Application Details	
Applications	Western Blot, Protein Array
Recommended Dilutions	Western Blot, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP3-08537AF405

NBP1-43317AF405	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 405]
NBP2-52920PEP	SDHB Recombinant Protein Antigen
NBL1-15766	SDHB Overexpression Lysate
AF482	Ret 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.

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