

# Product Datasheet

## **SDHB Antibody (SDHB/2382) [Alexa Fluor® 532] NBP3-08537AF532**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08537AF532**

SDHB Antibody (SDHB/2382) [Alexa Fluor® 532]

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SDHB/2382
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b Kappa
<b>Conjugate</b>	Alexa Fluor 532
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	6390
<b>Gene Symbol</b>	SDHB
<b>Species</b>	Human
<b>Marker</b>	Pheochromocytoma Marker
<b>Specificity/Sensitivity</b>	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 phaeochromocytomas, paragangliomas and GIST.
<b>Immunogen</b>	Recombinant fragment (around aa 165-273) of human SDHB protein (exact sequence is proprietary) (Uniprot: P21912)

**Notes**

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**Product Application Details**

<b>Applications</b>	Western Blot, Protein Array
<b>Recommended Dilutions</b>	Western Blot, Protein Array
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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## Products Related to NBP3-08537AF532

NBP1-43317AF532	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 532]
NBP1-87069PEP	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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