

# Product Datasheet

## SDHB Antibody (SDHB/2126)

### NBP3-07786-100ug

Unit Size: 100 ug

Store at 4C.

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Updated 7/16/2024 v.20.1

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**NBP3-07786-100ug**

SDHB Antibody (SDHB/2126)

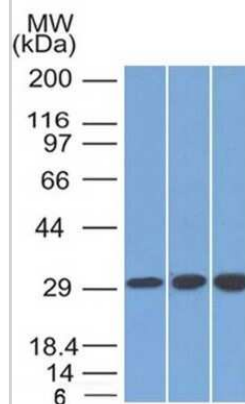
Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	SDHB/2126
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	32 kDa

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08809)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	6390
Gene Symbol	SDHB
Species	Human
Reactivity Notes	Others not known.
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 human SDHB fragment around aa 165-273 (Exact sequence is proprietary) (Uniprot: P21912 )

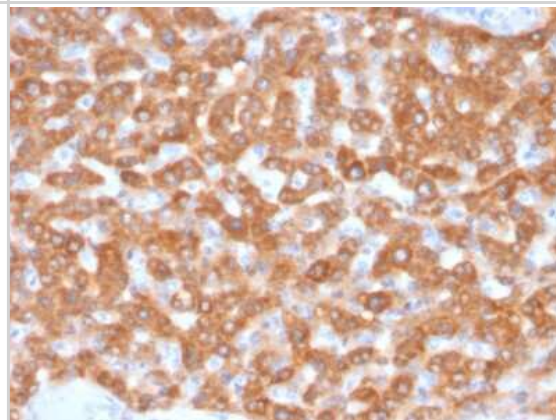
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-1.0 ug/ml, Immunohistochemistry 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistology (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

**Images**

Western Blot: SDHB Antibody (SDHB/2126) [NBP3-07786] - Western Blot Analysis of 1) 293; 2) Jurkat and 3) HepG2 Cell Lysate with SDHB Mouse Monoclonal Antibody (SDHB/2126).



Immunohistochemistry-Paraffin: SDHB Antibody (SDHB/2126) [NBP3-07786] - Formalin-fixed, paraffin-embedded human Kidney stained with SDHB Mouse Monoclonal Antibody (SDHB/2126).





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### **Products Related to NBP3-07786-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-52920PEP	SDHB Recombinant Protein Antigen

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### **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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