

Rabbit anti-Human SDHB (Succinate Dehydrogenase B) Monoclonal Antibody | anti-SDHB antibody

SDHB (Succinate Dehydrogenase B) (Pheochromocytoma Marker) Recombinant Rabbit Monoclonal Antibody [Clone SDHB/6697R]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215911	Rabbit	Human	Immunohistochemistry

PRODUCT SYNONYMS

SDHB (Succinate Dehydrogenase B); Monoclonal Antibody; SDHB (Succinate Dehydrogenase B) (Pheochromocytoma Marker) Recombinant Rabbit Monoclonal Antibody [Clone SDHB/6697R]; SDHB (Succinate Dehydrogenase B) (Pheochromocytoma Marker); CWS2; DHSB; Iron-sulfur subunit of complex II; PGL4; SDH2; SDHB; SDHIP; Succinate dehydrogenase [ubiquinone] iron-sulfur subunit; mitochondrial; Succinate Dehydrogenase Complex Subunit B Iron Sulfur Protein; anti-SDHB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/IgG
Clone Number	SDHB/6697R
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-SDHB antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic peptide corresponding to residues in human SDHB was used as an immunogen.
Cellular Localization	Cytoplasm, Mitochondria
Positive Control	Jurkat or HepG2 cells. Human kidney or heart tissue.
Hu-chromosome Location	1p36.13
Unigene	465924
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human paraganglioma stained with SDHB Recombinant
Rabbit Monoclonal Antibody (SDHB/6697R).

ADDITIONAL INFORMATION

Related Product Information for anti-SDHB antibody	Succinate dehydrogenase B (SDHB) is an iron-sulfur subunit of mitochondrial complex II, a key component of the citric acid cycle and the electron transport chain, a respiratory complex that catalyzes the oxidation of succinate in the mitochondrial membrane. Many cancers are generally positive for SDHB, including renal cell carcinomas and gastrointestinal stromal tumors. A subset of RCC and GIST tumors that are associated with SDH mutations, Carney-Stratakis Syndrome or Carney Triad exhibit a loss of SDHB expression.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	20455488
NCBI GeneID	6390
UniProt Accession #	P21912; Q0QEY7; Q9NQ12; B2R545
Molecular Weight	31,630 Da
NCBI Official Full Name	Succinate dehydrogenase
NCBI Official Synonym Full Names	succinate dehydrogenase complex, subunit B, iron sulfur (lp)
NCBI Official Symbol	SDHB
NCBI Official Synonym Symbols	IP; SDH; CWS2; PGL4; SDH1; SDH2; SDHIP
NCBI Protein Information	succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial; succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial; iron-sulfur subunit of complex II
UniProt Protein Name	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
UniProt Gene Name	SDHB
UniProt Synonym Gene Names	SDH; SDH1; lp
UniProt Entry Name	SDHB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/sdhb-succinate-dehydrogenase-b-antibody-clone-sdhb-6697r-immunohistochemistry-elisa/215911>