

Rabbit anti-Human, Mouse SDHB Polyclonal Antibody | anti-SDHB antibody

SDHB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307463	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

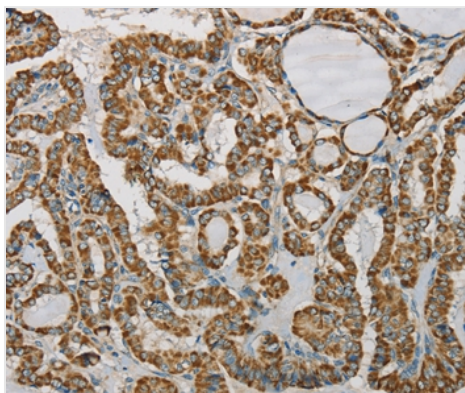
PRODUCT SYNONYMS

SDHB; Polyclonal Antibody; SDHB Antibody; IP; SDH; CWS2; PGL4; SDH1; SDH2; SDHIP; anti-SDHB antibody

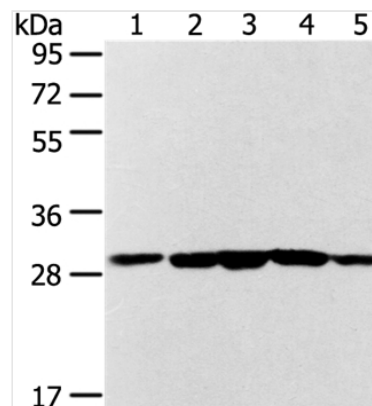
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SDHB protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.3 mg/ml (varies by lot)
Sequence Length	280
Applicable Applications for anti-SDHB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human succinate dehydrogenase complex, subunit B, iron sulfur (Ip)
Target Name	SDHB
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.


Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): 293T cell and mouse brain tissue, human fetal liver tissue and hepg2 cell, Jurkat cell Amount of lysate: 40ug per lane Primary antibody: 1/300 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-SDHB antibody	Complex II of the respiratory chain, which is specifically involved in the oxidation of succinate, carries electrons from FADH to CoQ. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. The iron-sulfur subunit is highly conserved and contains three cysteine-rich clusters which may comprise the iron-sulfur centers of the enzyme. Sporadic and familial mutations in this gene result in paragangliomas and pheochromocytoma, and support a link between mitochondrial dysfunction and tumorigenesis.
Product Categories/Family for anti-SDHB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	115387094
NCBI GeneID	6390
NCBI Accession #	NP_002991.2
NCBI GenBank Nucleotide #	NM_003000.2
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sdhb-antibody-immunohistochemistry-western-blot-elisa/307463>