

Rabbit SDHB Polyclonal Antibody | anti-SDHB antibody

Anti-SDHB antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45161	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SDHB; Polyclonal Antibody; Anti-SDHB antibody; Succinate dehydrogenase[ubiquinone] iron-sulfur subunit; mitochondrial; succinate dehydrogenase complex; subunit B; iron sulfur(Ip); CWS2 antibody; DHSB_HUMAN antibody; FLJ92337 antibody; IP antibody; Iron sulfur subunit antibody; Iron sulfur subunit of complex II antibody; Iron-sulfur subunit of complex II antibody; mitochondrial antibody; OTTHUMP00000044624 antibody; PGL 4 antibody; PGL4 antibody; SDH 1 antibody; SDH antibody; SDH1 antibody; SDH2 antibody; SDHB antibody; SDHIP antibody; Succinate dehydrogenase[ubiquinone] iron sulfur protein mitochondrial antibody; Succinate dehydrogenase[ubiquinone] iron-sulfur subunit antibody; succinate dehydrogenase[ubiquinone] iron-sulfur subunit; Succinate Dehydrogenase 1 Iron Sulfur Subunit antibody; Succinate dehydrogenase complex subunit B iron sulfur antibody; Succinate Dehydrogenase Complex Subunit B Iron Sulfur Protein antibody; iron sulfur(Ip) antibody; Succinate dehydrogenase iron sulfur protein antibody; anti-SDHB antibody

PRODUCT SPECIFICATIONS

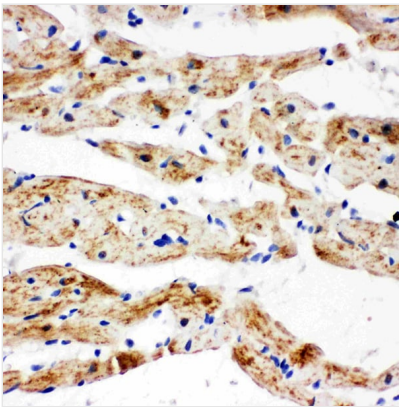
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	280
Applicable Applications for anti-SDHB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human SDHB (42-59 FAIYRWDPDKAGDKPHMQ), different from the related rat sequence by one amino acid and mouse sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti-SDHB antibody, AAA45161, Western blottingAll lanes: Anti SDHB (AAA45161) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 50ugLane 2: Rat Cardiac Muscle Tissue Lysate at 50ugLane 3: Jurkat Whole Cell Lysate at 40ugPredicted bind size: 32KDObserved bind size: 32KD



IHC (Immunohistochemistry)

Anti-SDHB antibody, AAA45161, IHC(P)IHC(P): Rat Cardiac Muscle Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-SDHB antibody

Description: Rabbit IgG polyclonal antibody for Succinate dehydrogenase[ubiquinone] iron-sulfur subunit, mitochondrial(SDHB) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: SDHB(Succinate Dehydrogenase Complex, Subunit B, iron sulfur protein), also known as iron-sulfur subunit of complex II(lp) or SDH2, HOMOLOG OF, is a protein that in humans is encoded by the SDHB gene. SDHB is one of four protein subunits forming succinate dehydrogenase, the other three being SDHA, SDHC and SDHD. The SDHB subunit is connected to the SDHA subunit on the hydrophilic, catalytic end of the SDH complex. The SDHB gene is mapped on 1p36.13. The entire SDHB transcript is encoded by 8 exons within approximately 40 kb by Au et al(1995). Pollard et al.(2005) stated that the nuclear-encoded Krebs cycle enzymes fumarate hydratase and succinate dehydrogenases like SDHB act as tumor suppressors, and germline mutations in these genes predispose individuals to leiomyomas and renal cancer and to paragangliomas, respectively. In affected members of families with paragangliomas-4, mutations were identified in the SDHB gene.

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sdhd-antibody-immunohistochemistry-western-blot-elisa/45161>