

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

Anti-SDHB Antibody, Rabbit Polyclonal

CATALOG # AAA254693	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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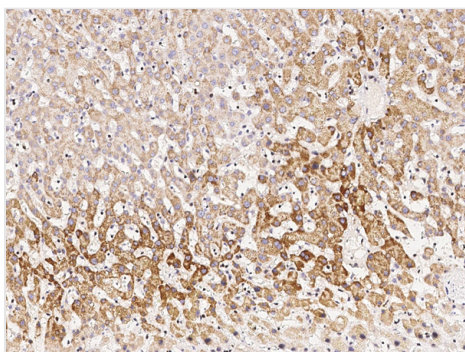
PRODUCT SYNONYMS

SDHB; Polyclonal Antibody; Anti-SDHB Antibody; Rabbit Polyclonal; SDHB Antibody; Rabbit PAb; Antigen Affinity Purified; succinate dehydrogenase complex; subunit B; iron sulfur (Ip); Anti-CWS2 Antibody; Anti-IP Antibody; Anti-PGL4 Antibody; Anti-SDH Antibody; Anti-SDH1 Antibody; Anti-SDH2 Antibody; Anti-SDHIP Antibody; anti-SDHB antibody

PRODUCT SPECIFICATIONS

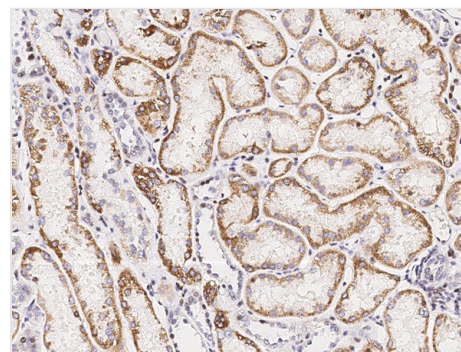
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SDHB
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SDHB antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human SDHB
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human SDHB, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human SDHB in human liver with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human SDHB in human kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-SDHB antibody	Germline mutations in the succinate dehydrogenase B (SDHB) gene predispose to hereditary paraganglioma (PGL) syndrome type 4. SDHB overexpression impaired cell migration and invasion, and this effect was reversed following AMPK activation. SDHB silencing per se increases tumor cell migration/invasion and that microenvironment, as represented by CAFs, plays a pivotal role in enhancing collective migration/invasion in Pheo SDHB-silenced tumor cells, suggesting their role in increasing the tumor metastasizing potential.
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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.