

Rabbit SDHC Polyclonal Antibody | anti-SDHC antibody

Anti-SDHC antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45397	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

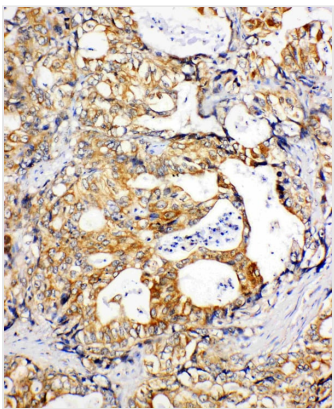
PRODUCT SYNONYMS

SDHC; Polyclonal Antibody; Anti-SDHC antibody; Succinate dehydrogenase cytochrome b560 subunit; mitochondrial; succinate dehydrogenase complex; subunit C; integral membrane protein; 15kDa; CYB560 antibody; C560_HUMAN antibody; CYBL antibody; Cytochrome B large subunit of complex II antibody; Integral membrane protein CII-3 antibody; mitochondrial antibody; PGL3 antibody; QPs-1 antibody; QPs1 antibody; SDH3 antibody; sdhC antibody; Succinate dehydrogenase complex subunit C antibody; Succinate dehydrogenase complex subunit C integral membrane protein 15kDa antibody; Succinate dehydrogenase cytochrome b560 subunit antibody; Succinate dehydrogenase cytochrome b560 subunit mitochondrial antibody; mitochondrial precursor antibody; Succinate-ubiquinone oxidoreductase cytochrome B large subunit antibody; anti-SDHC antibody

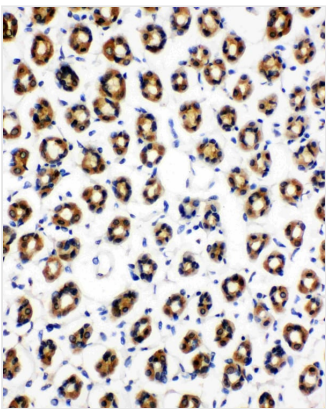
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	169
Applicable Applications for anti-SDHC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human SDHC (35-50aa KEEMERFWNKNIGSNR), different from the related mouse and rat sequences by three amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
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.

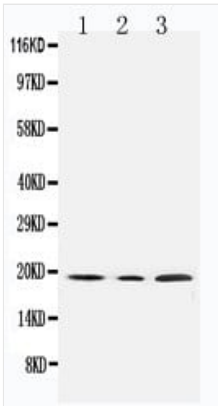
IMAGES



IHC (Immunohistochemisry)
Anti-SDHC antibody, AAA45397, IHC(P)IHC(P): Human Gastric Cancer Tissue



IHC (Immunohiostchemistry)
Anti-SDHC antibody, AAA45397, IHC(P)IHC(P): Rat Gaster Tissue



WB (Western Blot)
Anti-SDHC antibody, AAA45397, Western blottingAll lanes: Anti SDHC (AAA45397) at 0.5ug/mL
Lane 1: Rat Liver Tissue Lysate at 50ug
Lane 2: Mouse Liver Tissue Lysate at 50ug
Lane 3: HELA Whole Cell Lysate at 40ug
Predicted bind size: 19KD
Observed bind size: 19KD

ADDITIONAL INFORMATION

Related Product Information for anti-SDHC antibody	Description: Rabbit IgG polyclonal antibody for Succinate dehydrogenase cytochrome b560 subunit, mitochondrial(SDHC) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: SDHC(succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa) also known as SDH3, SUCCINATE DEHYDROGENASE CYTOCHROME b. The SDHC gene contains 6 exons. Oostveen et al.(1995) found that in fact it was protein from the bovine SDH3 gene(encoding 1 of the 2 integral membrane proteins) that complemented the hamster mutation. The authors localized the human SDH3 gene to the short arm of chromosome one, within 1 to 2 Mb from the centromere. Additionally, the authors stated that Southern analyses of human genomic DNA suggested that there are multiple SDH3 genes or pseudogenes. Elbehti-Green et al.(1998) confirmed the assignment of the SDHC gene to 1q21 by FISH. Baysal et al.(2004) described a family with PGL3 in which an 8,372-bp deletion in the SDHC gene was transmitted both maternally and paternally, without evidence of genomic imprinting.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5915811
NCBI GeneID	6391
UniProt Accession #	Q99643; O75609; Q3C259; Q3C2D8; Q3C2H4; Q5VTH3
Molecular Weight	12,474 Da
NCBI Official Full Name	Succinate dehydrogenase cytochrome b560 subunit, mitochondrial

NCBI Official Synonym Full Names	succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa
NCBI Official Symbol	SDHC
NCBI Official Synonym Symbols	CYBL; PGL3; QPS1; SDH3; CYB560
NCBI Protein Information	succinate dehydrogenase cytochrome b560 subunit, mitochondrial; integral membrane protein CII-3b; succinate dehydrogenase cytochrome b; cytochrome B large subunit of complex II; succinate dehydrogenase 3, integral membrane subunit; succinate-ubiquinone oxidoreductase cytochrome B large subunit; succinate dehydrogenase complex, subunit C, integral membrane protein, 15kD
UniProt Protein Name	Succinate dehydrogenase cytochrome b560 subunit, mitochondrial
UniProt Gene Name	SDHC
UniProt Synonym Gene Names	CYB560; SDH3; QPS1; CYBL
UniProt Entry Name	C560_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/sdhc-antibody-immunohistochemistry-western-blot-elisa/45397>