

Rabbit SDHC Polyclonal Antibody | anti-SDHC antibody

SDHC Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282222	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SDHC; Polyclonal Antibody; SDHC Rabbit pAb; CYB560; CYBL; PGL3; QPS1; SDH3; anti-SDHC antibody

PRODUCT SPECIFICATIONS

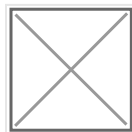
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-SDHC antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Positive Samples	HeLa, HepG2, Mouse liver, Rat liver
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SDHC (NP_002992.1).
Cellular Location	Mitochondrion inner membrane, Multi-pass membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



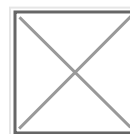
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using SDHC Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



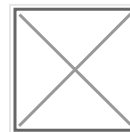
IF (Immunofluorescence)

Immunofluorescence analysis of A-431 cells using SDHC Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using SDHC Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using SDHC Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SDHC antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-SDHC antibody	This gene encodes one of four nuclear-encoded subunits that comprise succinate dehydrogenase, also known as mitochondrial complex II, a key enzyme complex of the tricarboxylic acid cycle and aerobic respiratory chains of mitochondria. The encoded protein is one of two integral membrane proteins that anchor other subunits of the complex, which form the catalytic core, to the inner mitochondrial membrane. There are several related pseudogenes for this gene on different chromosomes. Mutations in this gene have been associated with paragangliomas. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-SDHC antibody	Epigenetics & Nuclear Signaling ; Cancer ; Tumor suppressors ; Signal Transduction ; Cell Biology & Developmental Biology ; Endocrine & Metabolism ; Mitochondrial metabolism ; Oxidative phosphorylation ; Neuroscience ; Neurodegenerative Diseases ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GeneID	6391
UniProt Accession #	Q6AVQ3
Molecular Weight	Observed MW: 12KDa Calculated MW: 12kDa/14kDa/16kDa/18kDa

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/282222>