

Rabbit SDHD Polyclonal Antibody | anti-SDHD antibody

SDHD Antibody

CATALOG # AAA39802	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunofluorescence, Immunocytochemistry, ELISA
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PRODUCT SYNONYMS

SDHD; Polyclonal Antibody; SDHD Antibody; SDHD Antibody: TRAP1; TRAP-1; SDH4; CII-4; CybS; anti-SDHD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least four isoforms of SDHD are known to exist; this antibody will detect the two longest isoforms
Purity/Purification	SDHD Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid SDHD Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	159
Applicable Applications for anti-SDHD antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Conjugate	Unconjugated
Immunogen	SDHD antibody was raised against a 15 amino acid synthetic peptide near the center of human SDHD. The immunogen is located within amino acids 30 - 80 of SDHD.
Homology	Predicted species reactivity based on immunogen sequence: Bovine: (100%), Sheep: (100%), Pig: (80%)
Preparation and Storage	SDHD antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of SDHD in EL4 cells with SDHD antibody at 20 µg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of SDHD in EL4 cells with SDHD antibody at 2.5 µg/mL.



WB (Western Blot)
Western blot analysis of SDHD in EL4 cell lysate with SDHD antibody at (A) 1 and (B) 2 μg/mL.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506865
NCBI GeneID	6392
NCBI Accession #	NP_002993
NCBI GenBank Nucleotide #	NM_003002.3
UniProt Accession #	O14521; Q53XW5; Q6IRW2; A6ND90; B3KQQ8; E9PIC0; E9PIG3; E9PQI9
NCBI Official Full Name	succinate dehydrogenase
NCBI Official Synonym Full Names	succinate dehydrogenase complex, subunit D, integral membrane protein
NCBI Official Symbol	SDHD
NCBI Official Synonym Symbols	PGL; CBT1; CWS3; PGL1; QPs3; SDH4; cybS; CII-4
NCBI Protein Information	succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial; succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial; succinate-ubiquinone reductase membrane anchor subunit; succinate-ubiquinone oxidoreductase cytochrome b small subunit
UniProt Protein Name	Succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial
UniProt Gene Name	SDHD
UniProt Synonym Gene Names	SDH4; CybS
UniProt Entry Name	DHSD_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/sdhd-antibody-western-blot-immunofluorescence-immunocytochemistry-elisa/39802>