

Rabbit SDHA Polyclonal Antibody | anti-SDHA antibody

SDHA Antibody (C-term)

CATALOG # AAA285017	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Xenopus, Rat)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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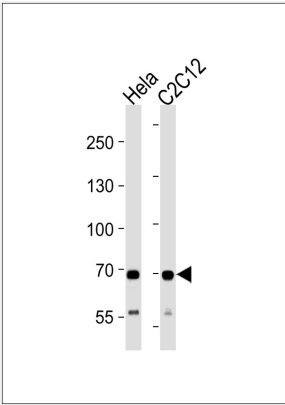
PRODUCT SYNONYMS

SDHA; Polyclonal Antibody; SDHA Antibody (C-term); Succinate dehydrogenase [ubiquinone] flavoprotein subunit; mitochondrial; Flavoprotein subunit of complex II; Fp; SDH2; SDHF; anti-SDHA antibody

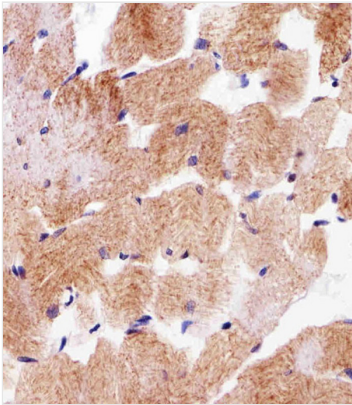
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Xenopus, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SDHA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 577-605 amino acids from the C-terminal region of human SDHA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	577-605
Sequence Length	519
Applicable Applications for anti-SDHA antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
SDHA Antibody (C-term) western blot analysis in HeLa and mouse C2C12 cell line lysates (35ug/lane). This demonstrates the SDHA antibody detected the SDHA protein (arrow).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded H. skeletal muscle section using SDHA Antibody (C-term). AAA285017 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-SDHA antibody	Flavoprotein (FP) subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q). Can act as a tumor suppressor.
Product Categories/Family for anti-SDHA antibody	Crown Antibodies; Cancer; Cell Biology; Metabolism; Signal Transduction
References	Hirawake H., et al. J. Biochem. 116:221-227(1994). Morris A.A.M., et al. Biochim. Biophys. Acta 1185:125-128(1994). Parfait B., et al. Hum. Genet. 106:236-243(2000). Ota T., et al. Nat. Genet. 36:40-45(2004). Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156416003
NCBI GeneID	6389
NCBI Accession #	NP_004159.2
NCBI GenBank Nucleotide #	NM_004168.3
UniProt Accession #	P31040; Q16395; Q59GW8; Q8IW48; Q9UMY5; A8K5J6; B4DJ60; E9PBJ5
Molecular Weight	72692
NCBI Official Full Name	succinate dehydrogenase
NCBI Official Synonym Full Names	succinate dehydrogenase complex, subunit A, flavoprotein (Fp)
NCBI Official Symbol	SDHA
NCBI Official Synonym Symbols	FP; PGL5; SDH1; SDH2; SDHF; CMD1GG
NCBI Protein Information	succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
UniProt Protein Name	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
UniProt Gene Name	SDHA
UniProt Synonym Gene Names	SDH2; SDHF; Fp

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/sdha-antibody-western-blot-immunohistochemistry-elisa/285017>