

Rabbit SDHA Polyclonal Antibody | anti-SDHA antibody

SDHA Polyclonal Antibody

CATALOG # AAA37327	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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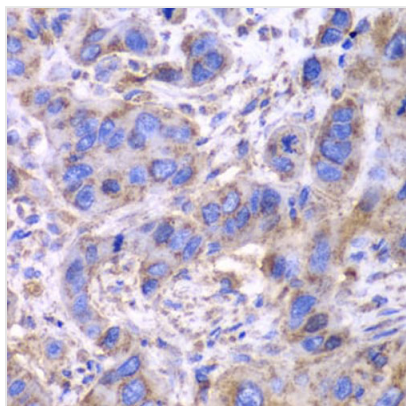
PRODUCT SYNONYMS

SDHA; Polyclonal Antibody; SDHA Polyclonal Antibody; FP; PGL5; SDH1; SDH2; SDHF; CMD1GG; anti-SDHA antibody

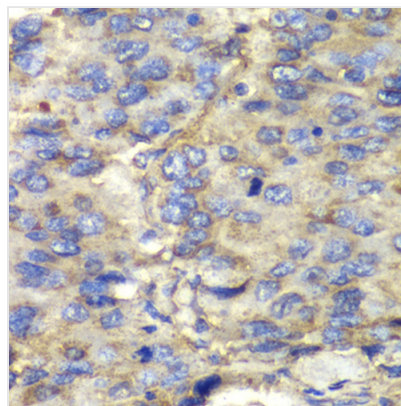
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	664
Applicable Applications for anti-SDHA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human SDHA
Calculated Molecular Weight	72kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

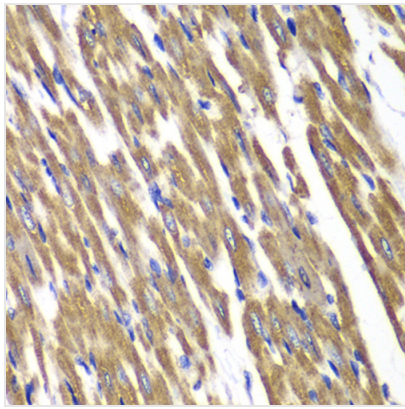
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophageal cancer using SDHA antibody at dilution of 1:100 (40x lens).

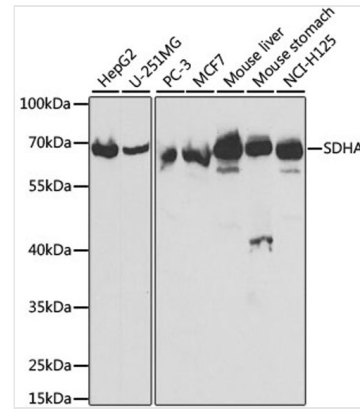

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using SDHA antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using SDHA antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SDHA 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: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-SDHA antibody	This gene encodes a major catalytic subunit of succinate-ubiquinone oxidoreductase, a complex of the mitochondrial respiratory chain. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. Mutations in this gene have been associated with a form of mitochondrial respiratory chain deficiency known as Leigh Syndrome. A pseudogene has been identified on chromosome 3q29.
Product Categories/Family for anti-SDHA antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1169337
NCBI GeneID	6389
UniProt Accession #	P31040; Q16395; Q59GW8; Q8IW48; Q9UMY5; A8K5J6; B4DJ60; E9PBJ5
Molecular Weight	664
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; succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial; flavoprotein subunit of complex II; succinate dehydrogenase complex flavoprotein subunit
UniProt Protein Name	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
UniProt Gene Name	SDHA
UniProt Synonym Gene Names	SDH2; SDHF; Fp
UniProt Entry Name	SDHA_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/sdha-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37327>