

Rabbit anti-Human Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial Polyclonal Antibody | anti-SDHA antibody

Rabbit anti-human Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial polyclonal Antibody

CATALOG # AAA230143	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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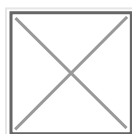
PRODUCT SYNONYMS

Succinate dehydrogenase [ubiquinone] flavoprotein subunit; mitochondrial; Polyclonal Antibody; Rabbit anti-human Succinate dehydrogenase [ubiquinone] flavoprotein subunit; mitochondrial polyclonal Antibody; SDH2; SDHF; SDHA; Flavoprotein subunit of complex II Fp; anti-SDHA antibody

PRODUCT SPECIFICATIONS

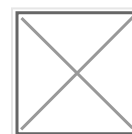
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	616
Applicable Applications for anti-SDHA antibody	WB (Western Blot), ELISA
Immunogen	Recombinant human Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27992 / sc-27990 / sc-98253
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PC3 cells using AAA230143 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunocytochemistry analysis of human lung tissue using AAA230143 at dilution of 1:100

**ICC (Immunocytochemistry)**

Immunocytochemistry analysis of human skeletal muscle tissue using AAA230143 at dilution of 1:100

**WB (Western Blot)**

Western blotAll lanes: Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial Antibody at 2ug/ml+293T whole cell lysateat 20 ugSecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilutionPredicted band size: 73,68,57 kDaObserved band size: 73 kDa,60 kDa

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). 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	Transport

NCBI AND UNIPROT INFORMATION

NCBI GI #	661567360
NCBI GeneID	6389
NCBI Accession #	NP_001281261.1
NCBI GenBank Nucleotide #	NM_001294332.1
UniProt Accession #	P31040 ; Q16395 ; Q59GW8 ; Q8IW48 ; Q9UMY5 ; A8K5J6 ; B4DJ60 ; E9PBJ5
Molecular Weight	56,650 Da
NCBI Official Full Name	succinate dehydrogenase
NCBI Official Synonym Full Names	succinate dehydrogenase complex flavoprotein subunit A
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/succinate-dehydrogenase-ubiquinone-flavoprotein-subunit-mitochondrial-antibody-western-blot-elisa/230143>