

Rabbit anti-Human SDHAF2 Polyclonal Antibody | anti-SDHAF2 antibody

SDHAF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234896	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

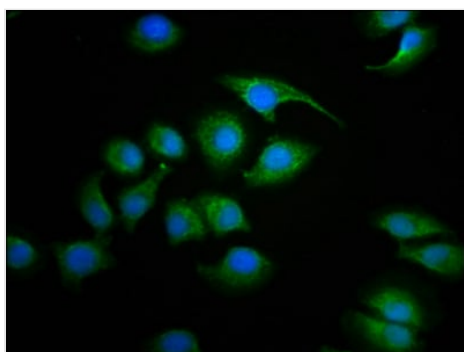
PRODUCT SYNONYMS

SDHAF2; Polyclonal Antibody; SDHAF2 Antibody; Succinate dehydrogenase assembly factor 2; mitochondrial; anti-SDHAF2 antibody

PRODUCT SPECIFICATIONS

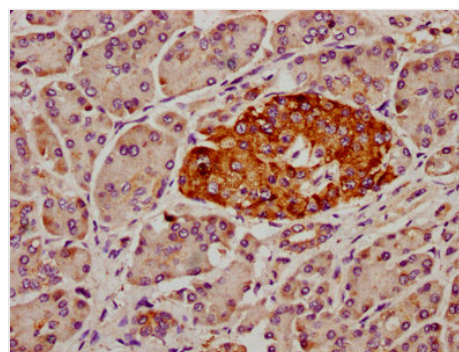
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	166
Applicable Applications for anti-SDHAF2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Succinate dehydrogenase assembly factor 2, mitochondrial protein (30-166AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234896 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234896 diluted at 1:300 and staining in paraffin-embedded human pancreatic tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-SDHAF2 antibody	Plays an essential role in the assembly of succinate dehydrogenase (SDH), an enzyme complex (also referred to as respiratory complex II) that is a component of both the tricarboxylic acid (TCA) cycle and the mitochondrial electron transport chain, and which couples the oxidation of succinate to fumarate with the reduction of ubiquinone (coenzyme Q) to ubiquinol. Required for flavinylation (covalent attachment of FAD) of the flavoprotein subunit SDHA of the SDH catalytic dimer.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8923450
NCBI GeneID	54949
NCBI Accession #	NP_060311.1
NCBI GenBank Nucleotide #	NM_017841.2
UniProt Accession #	Q9NX18
Molecular Weight	19,599 Da
NCBI Official Full Name	succinate dehydrogenase assembly factor 2, mitochondrial
NCBI Official Synonym Full Names	succinate dehydrogenase complex assembly factor 2
NCBI Official Symbol	SDHAF2
NCBI Official Synonym Symbols	PGL2; SDH5; C11orf79
NCBI Protein Information	succinate dehydrogenase assembly factor 2, mitochondrial
UniProt Protein Name	Succinate dehydrogenase assembly factor 2, mitochondrial
UniProt Gene Name	SDHAF2
UniProt Synonym Gene Names	SDH assembly factor 2; SDHAF2

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/sdhaf2-antibody-immunofluorescence-immunohistochemistry-elisa/234896>