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Datasheet for ABIN7170898

anti-Sdhaf2 antibody (AA 30-166)

2 Images



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Alternative Name:

Background:

Quantity:	100 μg
Target:	Sdhaf2
Binding Specificity:	AA 30-166
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sdhaf2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant Human Succinate dehydrogenase assembly factor 2, mitochondrial protein (30-
	166AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified
Target Details	
Target:	Sdhaf2

Background: Plays an essential role in the assembly of succinate dehydrogenase (SDH), an

SDHAF2 (Sdhaf2 Products)

Target Details

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.

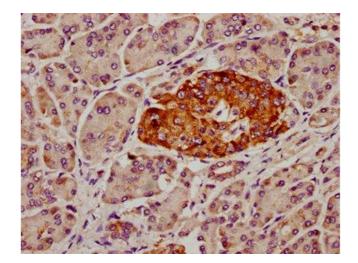
Aliases: Chromosome 11 open reading frame 79 antibody, FLJ20487 antibody, hSDH5 antibody, mitochondrial antibody, Paraganglioma or familial glomus tumors 2 antibody, PGL2 antibody, SDH assembly factor 2 antibody, SDH5 antibody, Sdhaf2 antibody, SDHF2_HUMAN antibody, Succinate dehydrogenase assembly factor 2, mitochondrial antibody, Succinate dehydrogenase subunit 5 antibody

UniProt:

Q9NX18

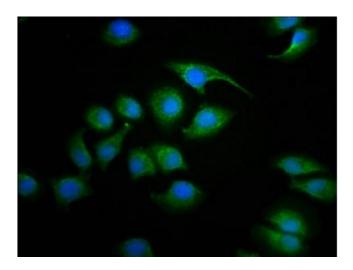
Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7170898 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of A549 cells with ABIN7170898 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°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).