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Datasheet for ABIN6991697
anti-SDHAF1 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	SDHAF1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDHAF1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	SDHAF1 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human SDHAF1. The immunogen is located within the last 50 amino acids of SDHAF1.
Isotype:	IgG
Specificity:	SDHAF1 antibody is predicted to not cross-react with other SDHAF protein family members.
Purification:	SDHAF1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SDHAF1
Alternative Name:	SDHAF1 (SDHAF1 Products)

Target Details

Background: SDHAF1 Antibody: SDHAF1 (Succinate dehydrogenase complex assembly factor 1) is one of the subunits of the succinate dehydrogenase (SDH) complex (or complex II) of the mitochondrial respiratory chain. SDHAF1 resides in the mitochondria, and is essential for SDH assembly, but does not physically associate with the complex in vivo. Mutations in this gene are associated with SDH-defective infantile leukoencephalopathy (mitochondrial complex II deficiency). Unlike the related protein SDHAF2, SDHAF1 is not thought to be a tumor suppressor.

Gene ID: 644096

NCBI Accession: [NP_001036096](#)

UniProt: [A6NFY7](#)

Application Details

Application Notes: SDHAF1 antibody can be used for detection of SDHAF1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. For immunofluorescence start at 5 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunocytochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SDHAF1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SDHAF1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.