

Anti-SDHAF1 Antibody (aa102-115)

Goat Anti Human Polyclonal Antibody Catalog # ALS17911

Specification

Anti-SDHAF1 Antibody (aa102-115) - Product Information

WB, IHC-P, E Application A6NFY7 **Primary Accession**

Predicted

Human, Monkey Host Goat Clonality **Polyclonal**

Calculated MW 12806 Dilution

WB~~1:1000 IHC-P~~N/A E~~N/A

Anti-SDHAF1 Antibody (aa102-115) - Additional Information

Gene ID 644096

Alias Symbol SDHAF1

Other Names

SDHAF1, LYRM8, LYR motif-containing protein 8, SDH assembly factor 1

Target/Specificity

Human SDHAF1.

Reconstitution & Storage

Immunoaffinity purified

Precautions

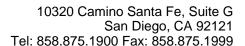
Anti-SDHAF1 Antibody (aa102-115) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-SDHAF1 Antibody (aa102-115) - Protein Information

Name SDHAF1 {ECO:0000303|PubMed:19465911, ECO:0000312|HGNC:HGNC:33867}

Function

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 (PubMed:19465911, PubMed:24954417). Promotes maturation of the iron-sulfur protein subunit SDHB of the SDH catalytic dimer, protecting it from the deleterious effects of oxidants (PubMed:24954417). May act together with SDHAF3 (PubMed:<a





href="http://www.uniprot.org/citations/24954417" target="_blank">24954417). Contributes to iron-sulfur cluster incorporation into SDHB by binding to SDHB and recruiting the iron-sulfur transfer complex formed by HSC20, HSPA9 and ISCU through direct binding to HSC20 (PubMed:26749241).

Cellular LocationMitochondrion matrix

Tissue LocationUbiquitously expressed.

Anti-SDHAF1 Antibody (aa102-115) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-SDHAF1 Antibody (aa102-115) - Images