

Anti-SDHAF1 Antibody (aa102-115)
Goat Anti Human Polyclonal Antibody
Catalog # ALS17911**Specification****Anti-SDHAF1 Antibody (aa102-115) - Product Information**

Application	WB, IHC-P, E
Primary Accession	A6NFY7
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:24954417).

[24954417](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/26749241)).

Cellular Location

Mitochondrion matrix

Tissue Location

Ubiquitously 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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SDHAF1 Antibody (aa102-115) - Images