

ACN9 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54855**Specification**

ACN9 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9NRP4
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14652

ACN9 Polyclonal Antibody - Additional Information**Gene ID** 57001**Other Names**

Succinate dehydrogenase assembly factor 3, mitochondrial, SDHAF3 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=21752)
HGNC:21752

Dilution

IHC-P ~ N/A
IHC-F ~ N/A
IF ~ 1:50 ~ 200
ICC ~ N/A
E ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ACN9 Polyclonal Antibody - Protein Information**Name** SDHAF3 ([HGNC:21752](#))**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. Promotes maturation of the iron-sulfur protein subunit SDHB of the SDH catalytic dimer, protecting it from the deleterious effects of oxidants. May act together with SDHAF1.

Cellular Location

Mitochondrion matrix {ECO:0000250|UniProtKB:Q04401}

ACN9 Polyclonal Antibody - 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](#)

ACN9 Polyclonal Antibody - Images