

SDHA Polyclonal Antibody
Catalog # AP72409**Specification**

SDHA Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P31040
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

SDHA Polyclonal Antibody - Additional Information**Gene ID** 6389**Other Names**

SDHA; SDH2; SDHF; Succinate dehydrogenase [ubiquinone] flavoprotein subunit; mitochondrial; Flavoprotein subunit of complex II; Fp

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

SDHA Polyclonal Antibody - Protein Information**Name** SDHA**Synonyms** SDH2, SDHF**Function**

Flavoprotein (FP) subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q) (PubMed: [10746566](http://www.uniprot.org/citations/10746566) target="_blank">10746566, PubMed: [24781757](http://www.uniprot.org/citations/24781757) target="_blank">24781757). SDH also oxidizes malate to the non-canonical enol form of oxaloacetate, enol- oxaloacetate (By similarity). Enol-oxaloacetate, which is a potent inhibitor of the succinate dehydrogenase activity, is further isomerized into keto-oxaloacetate (By similarity). Can act as a tumor suppressor (PubMed: [20484225](http://www.uniprot.org/citations/20484225) target="_blank">20484225).

Cellular Location

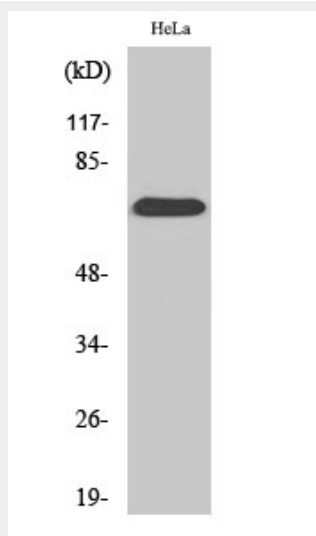
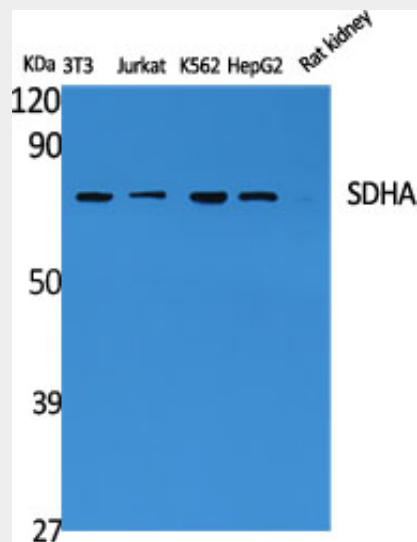
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

SDHA 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](#)

SDHA Polyclonal Antibody - Images



SDHA Polyclonal Antibody - Background

Flavoprotein (FP) subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q) (PubMed:24781757). Can act as a tumor suppressor (PubMed:20484225).