

**SDHA Polyclonal Antibody**  
**Catalog # AP72409****Specification**

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**SDHA Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P31040</a>
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:<a href="http://www.uniprot.org/citations/10746566" target="\_blank">10746566</a>, PubMed:<a href="http://www.uniprot.org/citations/24781757" target="\_blank">24781757</a>). 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:<a href="http://www.uniprot.org/citations/20484225" target="\_blank">20484225</a>).

**Cellular Location**

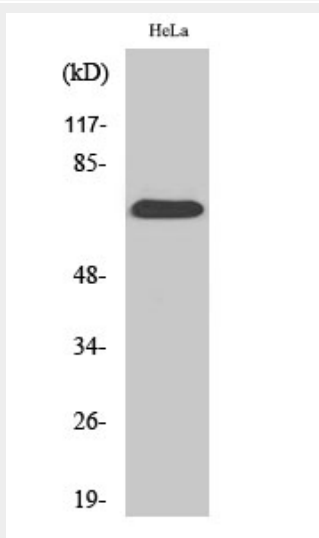
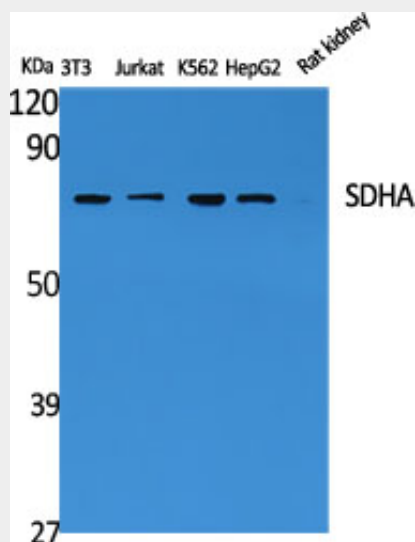
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

## 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).