

SDHB Polyclonal Antibody
Catalog # AP73633**Specification**

SDHB Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P21912
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

SDHB Polyclonal Antibody - Additional Information**Gene ID** 6390**Other Names**

SDHB; SDH; SDH1; Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial; Iron-sulfur subunit of complex II; Ip

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. 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

SDHB Polyclonal Antibody - Protein Information**Name** SDHB**Synonyms** SDH, SDH1**Function**

Iron-sulfur protein (IP) subunit of the succinate dehydrogenase complex (mitochondrial respiratory chain complex II), responsible for transferring electrons from succinate to ubiquinone (coenzyme Q) (PubMed: 26925370, PubMed: 27604842). 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).

Cellular Location

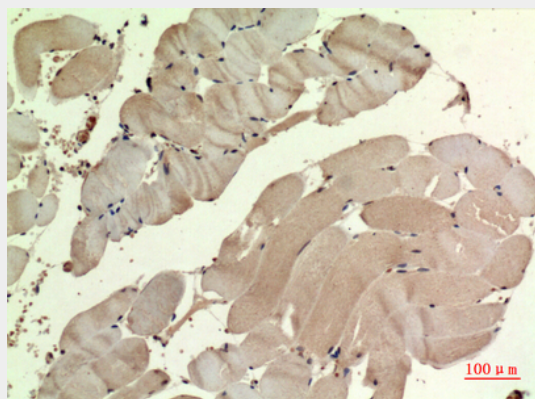
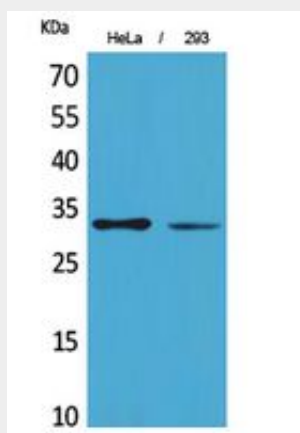
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

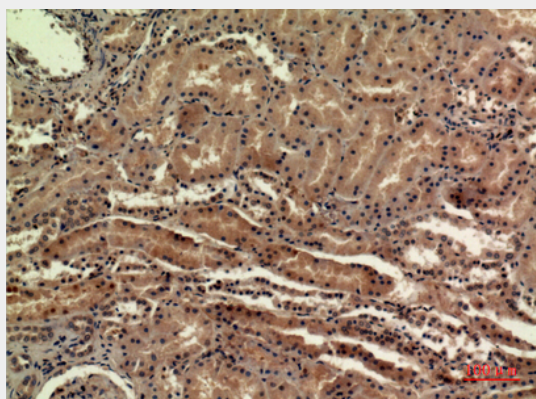
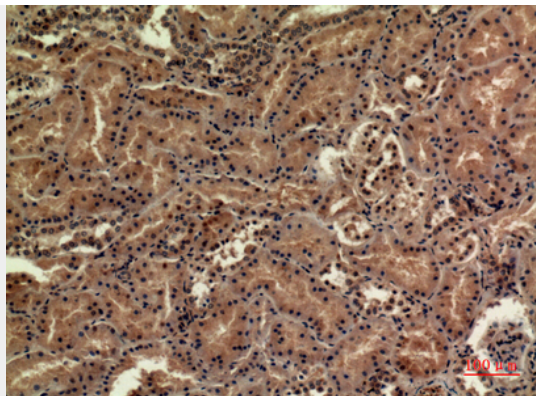
SDHB Polyclonal Antibody - Protocols

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](#)

SDHB Polyclonal Antibody - Images





SDHB Polyclonal Antibody - Background

Iron-sulfur protein (IP) 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).