

**SDHB Antibody**  
Rabbit mAb  
Catalog # AP91290

## Specification

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### SDHB Antibody - Product Information

Application	WB, IHC, FC, IP
Primary Accession	<a href="#">P21912</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
Iron-sulfur subunit of complex II; SDHB; SDH; SDH1; PGL4;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	31630 Da

### SDHB Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human SDHB
Description	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).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### SDHB 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: <http://www.uniprot.org/citations/26925370> target="\_blank">26925370</a>, PubMed: <http://www.uniprot.org/citations/27604842> target="\_blank">27604842</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).

### Cellular Location

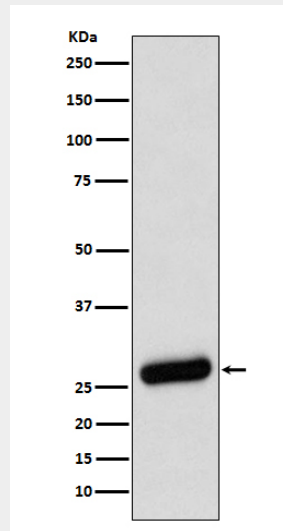
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

### SDHB 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 Antibody - Images



Western blot analysis of SDHB expression in A431 cell lysate.