

SDHB Antibody
Rabbit mAb
Catalog # AP93235

Specification

SDHB Antibody - Product Information

Application	WB, IHC, IP
Primary Accession	P21912
Reactivity	Rat
Clonality	Monoclonal
Other Names	
CWS2; PGL4; SDH; SDH1; SDH2; SdhB; SDHIP;	
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: [26925370](http://www.uniprot.org/citations/26925370), PubMed: [27604842](http://www.uniprot.org/citations/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 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