

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

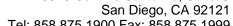
Name SDHB

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:<a href="http://www.uniprot.org/citations/26925370"

target="_blank">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 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

SDHB Antibody - Images