

SDHC Antibody

Rabbit mAb Catalog # AP93236

Specification

SDHC Antibody - Product Information

Application WB, IHC
Primary Accession Q99643
Reactivity Rat
Clonality Monoclonal

Other Names

CYBL; PGL3; QPs1; SDH3; sdhC;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 18610 Da

SDHC Antibody - Additional Information

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

SDHC

Description Membrane-anchoring 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.

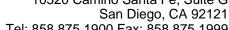
SDHC Antibody - Protein Information

Name SDHC

Synonyms CYB560, SDH3

Function

Membrane-anchoring 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:9533030). 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; Multi-pass membrane protein

SDHC 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

SDHC Antibody - Images