

**SDHC Antibody**  
**Rabbit mAb**  
**Catalog # AP93236****Specification**

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**SDHC Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">Q99643</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
CYBL; PGL3; QPs1; SDH3; sdhC;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	18610 Da

**SDHC Antibody - Additional Information**

Dilution	WB~~1:1000 IHC~~1:100~500
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:<a href="http://www.uniprot.org/citations/9533030" target="\_blank">9533030</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; 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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**SDHC Antibody - Images**