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SDHB Antibody
Rabbit mAb
Catalog # AP91290

Specification

SDHB Antibody - Product Information

Application	**WB, IHC, FC, IP**
Primary Accession	P21912
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
Iron-sulfur subunit of complex II; SDHB; SDH; SDH1; PGL4;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**31630 Da**

SDHB Antibody - Additional Information

Dilution	**WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 IP~~N/A**
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, PubMed:<a href="http://www.uniprot.org/citations/27604842"

target="_blank">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).

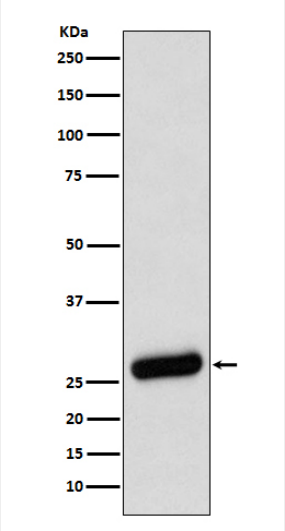
Cellular Location
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

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 Cytomety
- Cell Culture

SDHB Antibody - Images



Western blot analysis of SDHB expression in A431 cell lysate.