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SDHB Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS12517

Specification

SDHB Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	P21912
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**32kDa KDa**

SDHB Antibody (C-Terminus) - Additional Information

Gene ID 6390

Other Names
Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial, 1.3.5.1, Iron-sulfur subunit of complex II, Ip, SDHB, SDH, SDH1

Target/Specificity
Human SDHB.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
SDHB Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SDHB Antibody (C-Terminus) - 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: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

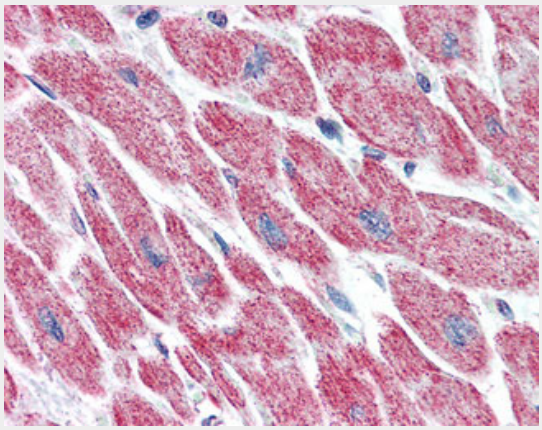
Volume
50 µl

SDHB Antibody (C-Terminus) - 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 (C-Terminus) - Images



Anti-SDHB antibody IHC of human heart.

SDHB Antibody (C-Terminus) - Background

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).

SDHB Antibody (C-Terminus) - References

Au H.C.,et al.Gene 159:249-253(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Kullberg M.,et al.Mol. Biol. Evol. 23:1493-1503(2006).