

Goat anti-SDHB, Biotinylated Antibody
Peptide-affinity purified goat antibody
Catalog # AF4358a

Specification

Goat anti-SDHB, Biotinylated Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	P21912
Other Accession	NP_002991.2
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	31630

Goat anti-SDHB, Biotinylated Antibody - Additional Information

Gene ID 6390

Other Names

SDHB; succinate dehydrogenase complex, subunit B, iron sulfur (Ip); CWS2; IP; PGL4; SDH; SDH1; SDH2; SDHIP; iron-sulfur subunit of complex II

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-SDHB, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-SDHB, Biotinylated 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: <http://www.uniprot.org/citations/26925370> target="_blank">26925370, PubMed: <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

Goat anti-SDHB, Biotinylated 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](#)

Goat anti-SDHB, Biotinylated Antibody - Images