

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; SDH1; SDH2; SDHIP; iron-sulfur subunit of complex II

Dilution

WB~~1:1000 Pep-ELISA~~N/A

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.

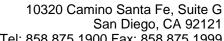
Goat anti-SDHB, Biotinylated Antibody - Protein Information

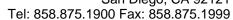
Name SDHB

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: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

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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Goat anti-SDHB, Biotinylated Antibody - Images