

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

### Specification

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#### Goat anti-SDHB, Biotinylated Antibody - Product Information

Application	<b>WB, Pep-ELISA</b>
Primary Accession	<a href="#">P21912</a>
Other Accession	<a href="#">NP_002991.2</a>
Reactivity	<b>Human</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>31630</b>

#### 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</a>, PubMed: <http://www.uniprot.org/citations/27604842> target="\_blank">27604842</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; 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**