

# Goat anti-SDHB, Biotinylated Antibody

Peptide-affinity purified goat antibody

Catalog # AF4358a

## Product Information

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

## Additional Information

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<b>Gene ID</b>	6390
<b>Other Names</b>	SDHB; succinate dehydrogenase complex, subunit B, iron sulfur (Ip); CWS2; IP; PGL4; SDH; SDH1; SDH2; SDHIP; iron-sulfur subunit of complex II
<b>Dilution</b>	WB~~1:1000 Pep-ELISA~~N/A
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	Goat anti-SDHB, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	SDHB
<b>Synonyms</b>	SDH, SDH1
<b>Function</b>	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: <a href="#">26925370</a> , PubMed: <a href="#">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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.