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Goat anti-SDHB, Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4358a

Product Information

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

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
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.

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

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