

SDHB Rabbit mAb

Catalog # AP76965

Product Information

Application	WB, IHC-P, FC, IP
Primary Accession	P21912
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human SDHB
Purification	Affinity Chromatography
Calculated MW	31630

Additional Information

Gene ID	6390
Other Names	SDHB
Dilution	WB~~1/500-1/1000 IHC-P~~N/A FC~~1:10~50 IP~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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

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