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SDHA Antibody

Mouse Monoclonal Antibody (Mab)
Catalog # AD80114

Product Information

Application	IHC
Primary Accession	P31040
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Names	688B3D5
Calculated MW	72692

Additional Information

Gene ID	6389
Gene Name	SDHA
Other Names	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial, 1.3.5.1, Flavoprotein subunit of complex II, Fp, SDHA, SDH2, SDHF
Dilution	IHC~~1:100~500
Storage	Maintain refrigerated at 2-8°C.
Precautions	SDHA Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SDHA
Synonyms	SDH2, SDHF
Function	Flavoprotein (FP) subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q) (PubMed:10746566, PubMed:24781757). 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). Can act as a tumor suppressor (PubMed:20484225).
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'.