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SDHB

Rabbit Monoclonal antibody(Mab)
Catalog # AD80461

Product Information

Application	IHC-P
Primary Accession	P21912
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	203G4N1
Calculated MW	31630

Additional Information

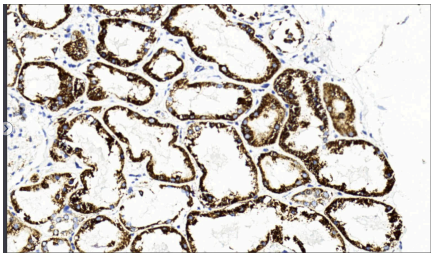
Gene ID	6390
Other Names	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial, 1.3.5.1, Iron-sulfur subunit of complex II, Ip, SDHB, SDH, SDH1
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.

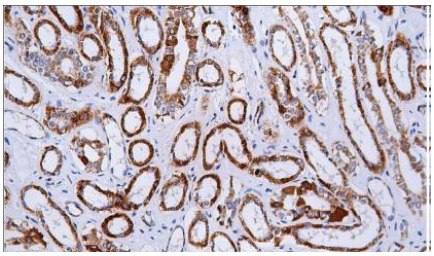
Protein Information

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

Images

Immunohistochemical analysis of formalin-fixed and paraffin-embedded human kindey tissue was performed with SDHB primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.





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