

KD-Validated Anti-SDHC Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1648

Product Information

Application	WB, ICC
Primary Accession	Q99643
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1075
Calculated MW	18610
Gene Name	SDHC
Aliases	Succinate Dehydrogenase Complex Subunit C; CYB560; CybL; Succinate Dehydrogenase Complex, Subunit C, Integral Membrane Protein, 15kD; Succinate Dehydrogenase Cytochrome B560 Subunit, Mitochondrial; Succinate-Ubiquinone Oxidoreductase Cytochrome B Large Subunit; Succinate Dehydrogenase Cytochrome B; Large Subunit Of Cytochrome B; PGL3; SDH3; Succinate Dehydrogenase Complex, Subunit C, Integral Membrane Protein, 15kDa; Succinate Dehydrogenase Complex Subunit C Integral Membrane Protein 15kDa; Succinate Dehydrogenase 3, Integral Membrane Subunit; Succinate Dehydrogenase Cytochrome B560 Subunit; Cytochrome B Large Subunit Of Complex II; Integral Membrane Protein CII-3b; Integral Membrane Protein CII-3; PPGL3; QPs-1; QPS1; QPs1; CYBL
Immunogen	A synthesized peptide derived from human SDHC

Additional Information

Gene ID	6391
Other Names	Succinate dehydrogenase cytochrome b560 subunit, mitochondrial, Integral membrane protein CII-3, Malate dehydrogenase [quinone] cytochrome b560 subunit, QPs-1, QPs1, Succinate dehydrogenase complex subunit C, Succinate-ubiquinone oxidoreductase cytochrome B large subunit, CYBL, SDHC, CYB560, SDH3

Protein Information

Name	SDHC
Synonyms	CYB560, SDH3
Function	Membrane-anchoring 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: 9533030). 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; Multi-pass membrane protein

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