antibodies - online.com







anti-SDHB antibody (C-Term)



Images



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Quantity:	100 μL	
Target:	SDHB	
Binding Specificity:	C-Term	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SDHB antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)	

Product Details

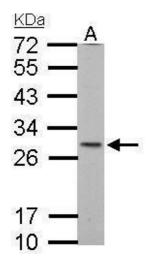
Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human SDHB. The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Rat (Rattus), Pig (Porcine), Rhesus Monkey, Cow (Bovine)	
Cross-Reactivity (Details):	Rat (87 %), Pig (100 %), Rhesus Monkey (100 %), Bovine (89 %)	
Characteristics:	Rabbit Polyclonal antibody to SDHB (succinate dehydrogenase complex, subunit B, iron sulfur (lp)) SDHB antibody [C2C3], C-term	
Purification:	Purified by antigen-affinity chromatography.	

Target Details

Target:	SDHB	
Alternative Name:	SDHB (SDHB Products)	
Background:	Complex II of the respiratory chain, which is specifically involved in the oxidation of succinate, carries electrons from FADH to CoQ. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. The iron-sulfur subunit is highly conserved and contains three cysteine-rich clusters which may comprise the iron-sulfur centers of the enzyme. Sporadic and familial mutations in this gene result in paragangliomas and	
	pheochromocytoma, and support a link between mitochondrial dysfunction and tumorigenesis.	
	Cellular Localization: Mitochondrion inner membrane	
Molecular Weight:	32 kDa	
Gene ID:	6390	
Application Details		
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*	
Comment:	Positive Control: THP-1 , NCI-H929 , Neuro2A	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	1XPBS, 40 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw	

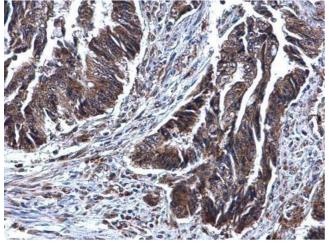
cycles.

Images



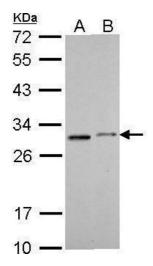
Western Blotting

Image 1. WB Image SDHB antibody [C2C3], C-term detects SDHB protein by Western blot analysis. A. 30 μ g Neuro2A whole cell lysate/extract 12 % SDS-PAGE SDHB antibody [C2C3], C-term , dilution: 1:1000



Immunohistochemistry

Image 2. IHC-P Image SDHB antibody [C2C3], C-term detects SDHB protein at mitochindria on human colon carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human colon carcinoma. SDHB antibody [C2C3], C-term, diluted at 1:500.



Western Blotting

Image 3. WB Image SDHB antibody [C2C3], C-term detects SDHB protein by Western blot analysis. A. 30 μg THP-1 whole cell lysate/extract B. 30 μg NCI-H929 whole cell lysate/extract 12 % SDS-PAGE SDHB antibody [C2C3], C-term , dilution: 1:1000

Please check the product details page for more images. Overall 5 images are available for ABIN2855873.