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Datasheet for ABIN7193552 anti-SDHB antibody (AA 29-280)

5 Images



Overview

Quantity:	0.1 mg
Target:	SDHB
Binding Specificity:	AA 29-280
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human SDHB (AA: 29-280) expressed in E. coli.
Clone:	2B2B1
Isotype:	lgG1
Purification:	purified

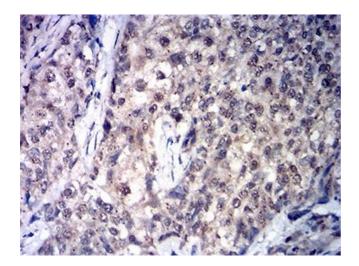
Target Details

Target:	SDHB
Alternative Name:	SDHB (SDHB Products)
Background:	Description: 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-

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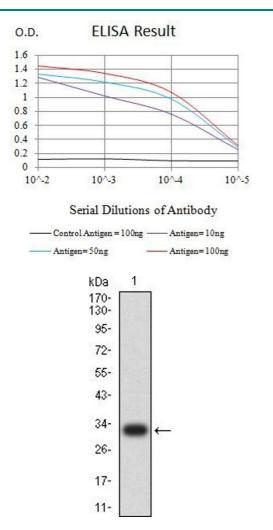
	sulfur centers of the enzyme. Sporadic and familial mutations in this gene result in paragangliomas and pheochromocytoma, and support a link between mitochondrial dysfunction and tumorigenesis. Aliases: IP, SDH, CWS2, PGL4, SDH1, SDH2, SDHIP
Molecular Weight:	31.6 kDa
Gene ID:	6390
Application Details	
Application Notes:	WB:1:500 - 1:2000, IHC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,
Restrictions:	For Research Use only
Handling	
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffinembedded cervical cancer tissues using SDHB mouse mAb with DAB staining.



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using SDHB mAb against human SDHB (AA: 29-280) recombinant protein. (Expected MW is 31.7 kDa)

Please check the product details page for more images. Overall 5 images are available for ABIN7193552.

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