

Datasheet for ABIN1881781  
**anti-SDHB antibody (C-Term)**[Go to Product page](#)

1 Image

6 Publications

## Overview

Quantity:	400 µL
Target:	SDHB
Binding Specificity:	AA 205-234, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDHB antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This SDHB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 205-234 amino acids from the C-terminal region of human SDHB.
Clone:	RB41925
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	SDHB
Alternative Name:	SDHB ( <a href="#">SDHB Products</a> )

## Target Details

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.
Molecular Weight:	31630
NCBI Accession:	<a href="#">NP_002991</a>
UniProt:	<a href="#">P21912</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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
Expiry Date:	6 months

## Publications

Product cited in:	Dai, Liu, Liu, Zhang, Wang, Jin, Qian, Wang, Zhao, Wu, Xiong, Chang, Sun, Yang, Hoffman, Liu: "Anti-metastatic Efficacy of Traditional Chinese Medicine (TCM) Ginsenoside Conjugated to a VEGFR-3 Antibody on Human Gastric Cancer in an Orthotopic Mouse Model." in: <b>Anticancer research</b> , Vol. 37, Issue 3, pp. 979-986, (2017) ( <a href="#">PubMed</a> ).
	Irrthum, Karkkainen, Devriendt, Alitalo, Vikkula: "Congenital hereditary lymphedema caused by a mutation that inactivates VEGFR3 tyrosine kinase." in: <b>American journal of human genetics</b> ,

Vol. 67, Issue 2, pp. 295-301, (2000) ([PubMed](#)).

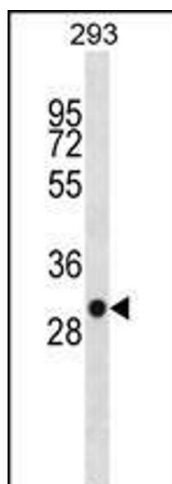
Galland, Karamysheva, Pebusque, Borg, Rottapel, Dubreuil, Rosnet, Birnbaum: "The FLT4 gene encodes a transmembrane tyrosine kinase related to the vascular endothelial growth factor receptor." in: **Oncogene**, Vol. 8, Issue 5, pp. 1233-40, (1993) ([PubMed](#)).

Pajusola, Aprelikova, Korhonen, Kaipainen, Pertovaara, Alitalo, Alitalo: "FLT4 receptor tyrosine kinase contains seven immunoglobulin-like loops and is expressed in multiple human tissues and cell lines." in: **Cancer research**, Vol. 52, Issue 20, pp. 5738-43, (1992) ([PubMed](#)).

Galland, Karamysheva, Mattei, Rosnet, Marchetto, Birnbaum: "Chromosomal localization of FLT4, a novel receptor-type tyrosine kinase gene." in: **Genomics**, Vol. 13, Issue 2, pp. 475-8, (1992) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

## Images



### Western Blotting

**Image 1.** SDHB Antibody (C-term) (ABIN1881781 and ABIN2838905) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the SDHB antibody detected the SDHB protein (arrow).