

Datasheet for ABIN7270622  
**anti-SDHD antibody (AA 50-150)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	SDHD
Binding Specificity:	AA 50-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDHD antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	SDHD Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human SDHD (NP_002993.1).
Sequence:	HLSPSHHSGS KAASLHWTSE RVVSVLLLGL LPAAYLNPCS AMDYSLAAAL TLHGHWGLGQ VVTDYVHGDA LQKAAKAGLL ALSALTFAGL CYFNYHDVGI C
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

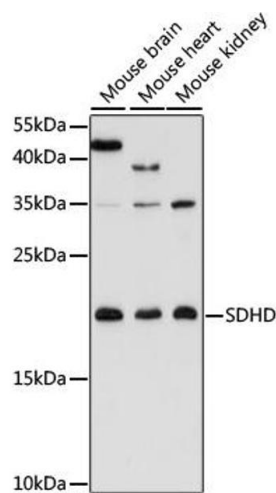
Target:	SDHD
Alternative Name:	SDHD ( <a href="#">SDHD Products</a> )
Background:	<p>This gene encodes a member of complex II of the respiratory chain, which is responsible for the oxidation of succinate. The encoded protein is one of two integral membrane proteins anchoring the complex to the matrix side of the mitochondrial inner membrane. Mutations in this gene are associated with the formation of tumors, including hereditary paraganglioma. Transmission of disease occurs almost exclusively through the paternal allele, suggesting that this locus may be maternally imprinted. There are pseudogenes for this gene on chromosomes 1, 2, 3, 7, and 18. Alternative splicing results in multiple transcript variants.,SDHD,CBT1,CII-4,CWS3,PGL,PGL1,QPs3,SDH4,cybS,Cancer,Signal Transduction,Endocrine &amp; Metabolism,Mitochondrial metabolism,Mitochondrial markers,Oxidative phosphorylation,Neuroscience,Neurodegenerative Diseases,SDHD</p>
Molecular Weight:	9kDa/12kDa/15kDa/17kDa
Gene ID:	6392
UniProt:	<a href="#">O14521</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using SDHD antibody (ABIN7270622) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.