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# Datasheet for ABIN6264955 anti-SDHA antibody (Internal Region)

2 Images



### Overview

Quantity:	100 μL
Target:	SDHA
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDHA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human SDHA, corresponding to a region within the internal amino acids.
lsotype:	lgG
Specificity:	SDHA Antibody detects endogenous levels of total SDHA.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

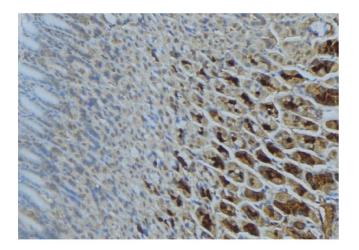
## Target Details

Target:	SDHA		
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Target Details	
Alternative Name:	SDHA (SDHA Products)
Background:	Description: Flavoprotein (FP) 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:24781757). Can act as a tumor suppressor (PubMed:20484225). Gene: SDHA
Molecular Weight:	72kDa
Gene ID:	6389
UniProt:	P31040
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months

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#### Immunohistochemistry

**Image 1.** ABIN6277302 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at  $22_j$ aC. An HRP conjugated goat anti-rabbit antibody was used as the secondary

# kDa 1 2 250-150-100-75-50-37-25-20-15-

### Western Blotting

**Image 2.** Western blot analysis of Hela whole cell lysates, using SDHA Antibody. The lane on the left is treated with the antigen-specific peptide.

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