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Datasheet for ABIN3044203 anti-SDHC antibody (N-Term)

4 Images



Overview

Quantity:	100 µg
Target:	SDHC
Binding Specificity:	AA 35-50, N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDHC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Purpose:	Rabbit IgG polyclonal antibody for Succinate dehydrogenase cytochrome b560 subunit, mitochondrial(SDHC) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human SDHC(35-50aa KEEMERFWNKNIGSNR), different from the related mouse and rat sequences by three amino acids.
Immunogen: Sequence:	A synthetic peptide corresponding to a sequence at the N-terminus of human SDHC(35-50aa KEEMERFWNKNIGSNR), different from the related mouse and rat sequences by three amino
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Product Details	
Characteristics:	Rabbit IgG polyclonal antibody for Succinate dehydrogenase cytochrome b560 subunit, mitochondrial(SDHC) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: succinate dehydrogenase complex, subunit C, integral membrane protein, 15 kDa Protein Name: Succinate dehydrogenase cytochrome b560 subunit, mitochondrial
Purification:	Immunogen affinity purified.

Target Details

Target:	SDHC			
Alternative Name:	SDHC (SDHC Products)			
Background:	SDHC(succinate dehydrogenase complex, subunit C, integral membrane protein, 15 kDa) also			
	known as SDH3, SUCCINATE DEHYDROGENASE CYTOCHROME b. The SDHC gene contains 6			
	exons. Oostveen et al.(1995) found that in fact it was protein from the bovine SDH3			
	gene(encoding 1 of the 2 integral membrane proteins) that complemented the hamster			
	mutation. The authors localized the human SDH3 gene to the short arm of chromosome one,			
	within 1 to 2 Mb from the centromere. Additionally, the authors stated that Southern analyses			
	of human genomic DNA suggested that there are multiple SDH3 genes or pseudogenes.			
	Elbehti-Green et al.(1998) confirmed the assignment of the SDHC gene to 1q21 by FISH. Baysa			
	et al.(2004) described a family with PGL3 in which an 8,372-bp deletion in the SDHC gene was			
	transmitted both maternally and paternally, without evidence of genomic imprinting.			
	Synonyms: CYB560 antibody C560_HUMAN antibody CYBL antibody Cytochrome B large			
	subunit of complex II antibody Integral membrane protein CII-3 antibody mitochondrial			
	antibody PGL3 antibody QPs-1 antibody QPs1 antibody SDH3 antibody sdhC			
	antibody Succinate dehydrogenase complex subunit C antibody Succinate dehydrogenase			
	complex subunit C integral membrane protein 15 kDa antibody Succinate dehydrogenase			
	cytochrome b560 subunit antibody Succinate dehydrogenase cytochrome b560 subunit			
	mitochondrial antibody Succinate dehydrogenase cytochrome b560 subunit, mitochondrial			
	precursor antibody Succinate-ubiquinone oxidoreductase cytochrome B large subunit antibody			
	Q99643			

Application Details

Application Notes:

WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse,

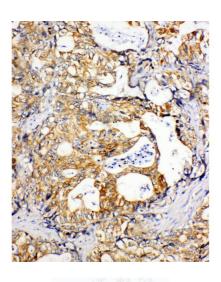
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN3044203 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Application Details

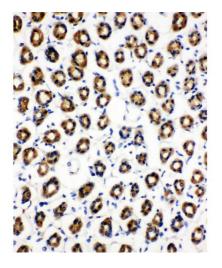
	Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for				
	20 mins is required for the staining of formalin/paraffin sections.				
	Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be				
	fit for the product based on sequence similarities. Other applications have not been tested.				
	Optimal dilutions should be determined by end users.				
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).				
Restrictions:	For Research Use only				

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 μ g/mL.
Concentration:	500 μg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months



116KD -	1	2	3	
97KD —				
58KD-				
40KD				
29KD -				
20KD -				
1400-	-	-	-	
8KD -				



Immunohistochemistry

Image 1. Anti-SDHC antibody, IHC(P) IHC(P): Human Gastric Cancer Tissue

Western Blotting

Image 2. Anti-SDHC antibody, Western blotting Lane 1: Rat Liver Tissue Lysate Lane 2: HELA Tissue Lysate Lane 3: JURKAT Cell Lysate

Immunohistochemistry

Image 3. Anti-SDHC antibody, IHC(P) IHC(P): Rat Gaster Tissue

Please check the product details page for more images. Overall 4 images are available for ABIN3044203.

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