

Datasheet for ABIN3020852
anti-SIRT2 antibody (AA 288-389)

6 Images

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Overview

Quantity:	100 µL
Target:	SIRT2
Binding Specificity:	AA 288-389
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 288-389 of human SIRT2 (NP_036369.2).
Sequence:	EKAGQSDPFL GMIMGLGGGM DFDSKKAYRD VAWLGECDQG CLALAEELLGW KKELEDLVRR EHASIDAQSG AGVNPSTSA SPKKSPPPAK DEARTTEREK PQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	SIRT2
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Target Details

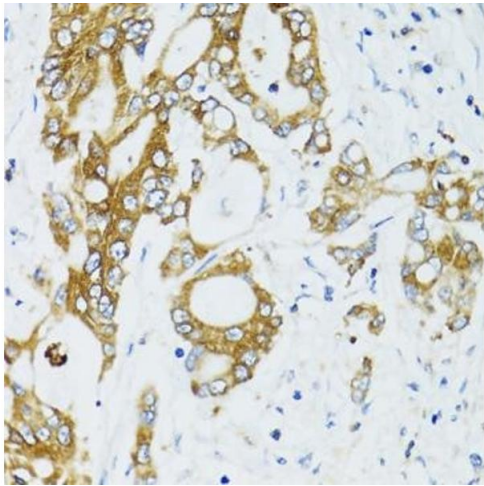
Alternative Name:	SIRT2 (SIRT2 Products)
Background:	This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined, however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Several transcript variants are resulted from alternative splicing of this gene.,SIRT2,SIR2,SIR2L,SIR2L2,sirtuin 2,Epigenetics & Nuclear Signaling,Chromatin Modifying Enzymes,Deacetylation,Cell Biology & Developmental Biology,Apoptosis,Mitochondrial Control of Apoptosis,SIRT2
Molecular Weight:	30 kDa/35 kDa/39 kDa/41 kDa/43 kDa
Gene ID:	22933
UniProt:	Q8IXJ6

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:10 - 1:100
Restrictions:	For Research Use only

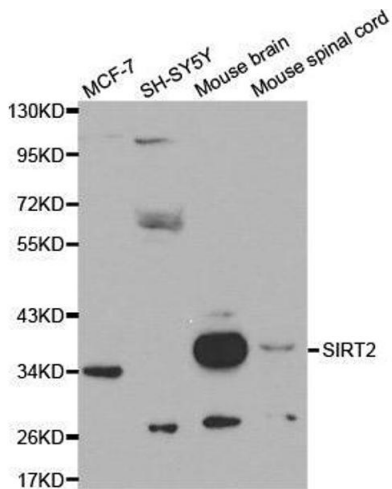
Handling

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.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



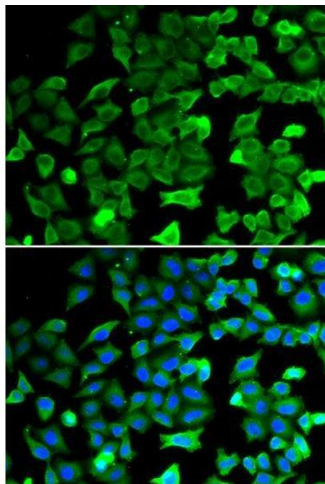
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon carcinoma using SIRT2 antibody (ABIN3020851, ABIN3020852, ABIN3020853 and ABIN6213756) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using SIRT2 antibody.



Immunofluorescence

Image 3.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3020852.