

Datasheet for ABIN7606297 **anti-SIRT2 antibody**



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Overview

Quantity:	100 µL
Target:	SIRT2
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SIRT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-SIRT2/Sirtuin 2 Rabbit Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human SIRT2
Clone:	HCA-19
Isotype:	IgG
Characteristics:	Anti-SIRT2/Sirtuin 2 Rabbit Monoclonal Antibody (ABIN7606297). Tested in WB application. This antibody reacts with Human, Rat.
Purification:	Affinity-chromatography

Target Details

Target:	SIRT2
Alternative Name:	SIRT2 (SIRT2 Products)

Target Details

Background:	Synonyms: NAD-dependent protein deacetylase sirtuin-2,3.5.1.-,Regulatory protein SIR2 homolog 2,SIR2-like protein 2,SIRT2,SIR2L, SIR2L2, Tissue Specificity: Isoform 1 is expressed in heart, liver and skeletal muscle, weakly expressed in the cortex. Isoform 2 is strongly expressed in the cortex, weakly expressed in heart and liver. Weakly expressed in several malignancies including breast, liver, brain, kidney and prostate cancers compared to normal tissues. Weakly expressed in glioma cell lines compared to normal brain tissues (at protein level). Widely expressed. Highly expressed in heart, brain and skeletal muscle, while it is weakly expressed in placenta and lung. Down-regulated in many gliomas suggesting that it may act as a tumor suppressor gene in human gliomas possibly through the regulation of microtubule network. .
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Molecular Weight:	160-180 kDa
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Application Details

Application Notes:	WB 1:500-1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
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
Storage Comment:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.