

Datasheet for ABIN2628313
anti-SIRT2 antibody (AA 165-187)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SIRT2
Binding Specificity:	AA 165-187
Reactivity:	Human, Rat, Mouse, Monkey, Chimpanzee, Orang-Utan
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human SIRT2(165-187aa YTQNIDTLERAGLEQEDLVEAH), different from the related mouse and rat sequences by three amino acids.
Isotype:	IgG
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

Product Details

regulation of microtubule network. .

Purification: Immunogen affinity purified

Target Details

Target: SIRT2

Alternative Name: SIRT2 / Sirtuin 2 ([SIRT2 Products](#))

Background: Name/Gene ID: SIRT2

Synonyms: SIRT2, SIR2, Sir2-related protein type 2, SIR2L, SIR2L2, Sirtuin 2, Silent information regulator 2, SIR2-like protein 2, Sirtuin type 2

Gene ID: 22933

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na₂ HPO₄, 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.

Preservative: Sodium azide, Thimerosal (Merthiolate)

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 freeze-thaw cycles.

Storage: 4 °C,-20 °C

Storage Comment: At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles.