



Datasheet for ABIN7101597  
**anti-SIRT2 antibody**



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1 Image

Overview

Quantity:	20 µL
Target:	SIRT2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SIRT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human SIRT2
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	SIRT2
Alternative Name:	SIRT2 ( <a href="#">SIRT2 Products</a> )
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

## Target Details

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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. [provided by RefSeq, Jul 2010],SIR2, SIR2L, SIR2L2,Apoptosis,Apoptosis\_Mitochondrial Control of Apoptosis,Cell Biology & Developmental Biology,Epigenetic writers and erasers of core Histones,Epigenetic writers and erasers of core Histones\_Deacetylation,Epigenetics & Nuclear Signaling,SIRT2

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Molecular Weight: 36 kDa

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Gene ID: 22933

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UniProt: [Q8IXJ6](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000

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Restrictions: For Research Use only

## Handling

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Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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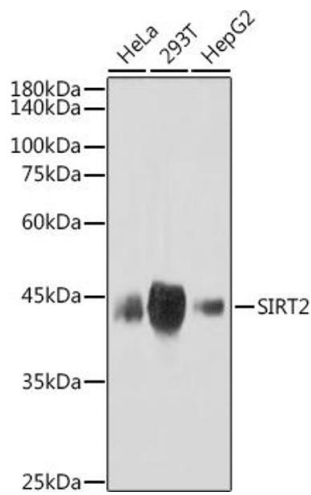
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using SIRT2 antibody (ABIN1680889, ABIN3018355, ABIN3018356 and ABIN7101597) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.