

Datasheet for ABIN2779606  
**anti-SIRT2 antibody (C-Term)**



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2 Images

## Overview

Quantity:	100 µL
Target:	SIRT2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Dog, Guinea Pig, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SIRT2
Sequence:	DVAWLGECDQ GCLALAELLG WKKELEDLVR REHASIDAQS GAGVPNPSTS
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 93%, Human: 100%, Mouse: 93%, Rabbit: 79%, Rat: 93%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against SIRT2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SIRT2
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## Target Details

Alternative Name:	SIRT2 ( <a href="#">SIRT2 Products</a> )
Background:	<p>SIRT2 is 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. SIRT2 is included in class I of the sirtuin family. Two transcript variants result from alternative splicing of this gene.</p> <p>Alias Symbols: SIR2, SIR2L, SIR2L2</p> <p>Protein Interaction Partner: ACLY, SIRT1, UBC, ING1, EP300, CBLB, CBL, XPO1, CDC20, FZR1, RUNX3, PCK1, FOXO1, HDAC6, tat, RBP1, HIST1H3A, NUDT21, PAPOLA, DNAJB8, DNAJB6, SP140, KAT2B, CDC14B, KAT2A, TUBA4A, HOXA10, TUBB, KRT78, RTN4, PHB2, SPOP, ELL, SARS, GYS1,</p> <p>Protein Size: 352</p>
Molecular Weight:	40 kDa
Gene ID:	22933
NCBI Accession:	<a href="#">NM_030593</a> , <a href="#">NP_085096</a>
UniProt:	<a href="#">Q8IXJ6</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 352 AA
Restrictions:	For Research Use only

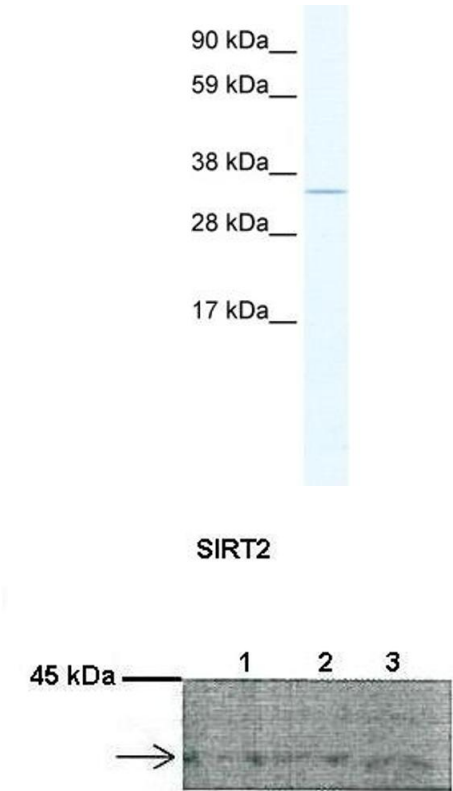
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-SIRT2 Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain

**Western Blotting**

**Image 2.** Lanes: 1. 30 ug mouse pancreas extract 2. 30 ug mouse pancreas extract 3. 30 ug mouse pancreas extract Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:2000 Gene Name: SIRT2 Submitted by: Dr. Jin Hee Lee, Ph.D., Winthrop-University Hospital

See Immunoblot 2 Data and Customer Feedback for more information