

Rabbit SIRT2 Polyclonal Antibody | anti-SIRT2 antibody

SIRT2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197350	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

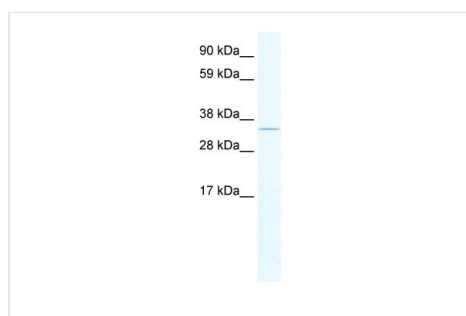
PRODUCT SYNONYMS

SIRT2; Polyclonal Antibody; SIRT2 antibody - C-terminal region; anti-SIRT2 antibody

PRODUCT SPECIFICATIONS

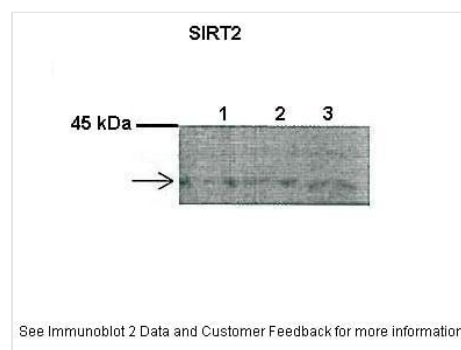
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DV AWLGEC DQGC LALAELLGWK KELEDLVRRE HASIDAQSGA GVPNPSTS
Sequence Length	352
Applicable Applications for anti-SIRT2 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 93%; Human: 100%; Mouse: 93%; Rabbit: 79%; Rat: 93%; Zebrafish: 75%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human SIRT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT2 antibody	This is a rabbit polyclonal antibody against SIRT2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-SIRT2 antibody	Polyclonal; Transcription Factor; Cell Cycle Proteins; Transcription Regulation; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	13775602
NCBI GeneID	22933
NCBI Accession #	NP_085096
NCBI GenBank Nucleotide #	NM_030593
UniProt Accession #	Q8IXJ6
Molecular Weight	40kDa
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-2 isoform 2
NCBI Official Synonym Full Names	sirtuin 2
NCBI Official Symbol	SIRT2
NCBI Official Synonym Symbols	SIR2; SIR2L; SIR2L2
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-2
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-2
UniProt Gene Name	SIRT2
UniProt Synonym Gene Names	SIR2L; SIR2L2
UniProt Entry Name	SIR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.