

Rabbit SIRT4 Polyclonal Antibody | anti-SIRT4 antibody

SIRT4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197366	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish	Western Blot

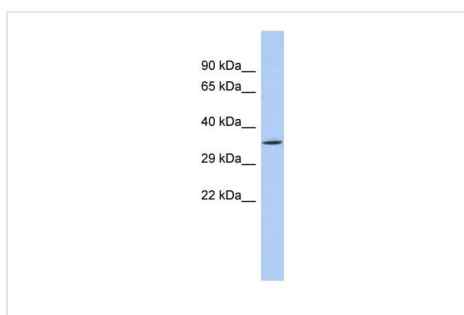
PRODUCT SYNONYMS

SIRT4; Polyclonal Antibody; SIRT4 antibody - N-terminal region; anti-SIRT4 antibody

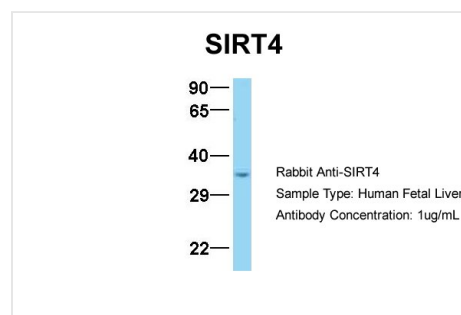
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, 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: AS PPLDPEKVKE LQRFITLSKR LLVMTGAGIS TESGIPDYRS EKVGLYAR
Sequence Length	314
Applicable Applications for anti-SIRT4 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SIRT4
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

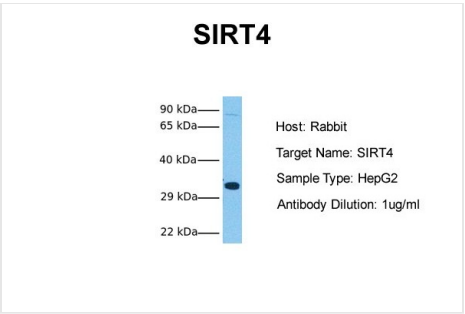


WB (Western Blot)

WB Suggested Anti-SIRT4 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:62500
Positive Control: Human Small Intestine


WB (Western Blot)

Host: Rabbit
Target Name: SIRT4
Sample Type: Human Fetal Liver
Antibody Dilution: 1.0ug/mL



WB (Western Blot)
Host: RabbitTarget Name: SIRT4Sample Tissue: Human HepG2Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT4 antibody	This is a rabbit polyclonal antibody against SIRT4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SIRT4 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. SIRT4 is included in class IV of the sirtuin family. 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 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 IV of the sirtuin family.
Product Categories/Family for anti-SIRT4 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912662
NCBI GeneID	23409
NCBI Accession #	NP_036372
NCBI GenBank Nucleotide #	NM_012240
UniProt Accession #	Q9Y6E7
Molecular Weight	35kDa
NCBI Official Full Name	NAD-dependent protein lipoamidase sirtuin-4, mitochondrial
NCBI Official Synonym Full Names	sirtuin 4
NCBI Official Symbol	SIRT4
NCBI Official Synonym Symbols	SIR2L4
NCBI Protein Information	NAD-dependent protein lipoamidase sirtuin-4, mitochondrial
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-4
UniProt Gene Name	SIRT4
UniProt Entry Name	SIR4_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sirt4-antibody-western-blot-elisa/197366>