

Rabbit anti-Human SIRT3 Polyclonal Antibody | anti-SIRT3 antibody

SIRT3 Antibody - N-terminal region

CATALOG # AAA201506	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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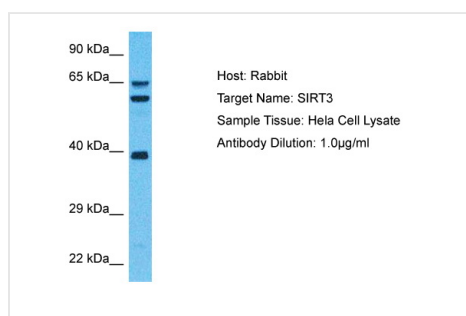
PRODUCT SYNONYMS

SIRT3; Polyclonal Antibody; SIRT3 Antibody - N-terminal region; anti-SIRT3 antibody

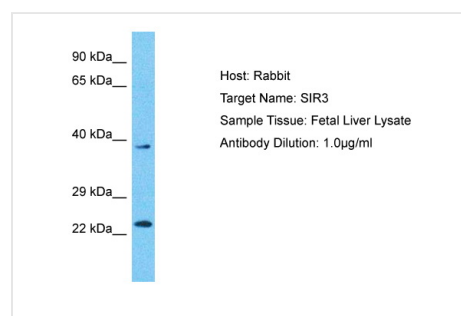
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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: AA APSFFSSIK GGRRSISFSV GASSVVGSGG SSDKGKLSLQ DVAELIRA
Sequence Length	399
Applicable Applications for anti-SIRT3 antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human SIRT3
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)

Host: Rabbit Target Name: SIRT3 Sample Type: HeLa Whole Cell lysates Antibody Dilution: 1.0 µg/ml


WB (Western Blot)

Host: Rabbit Target Name: SIRT3 Sample Type: Fetal Liver lysates Antibody Dilution: 1 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT3 antibody	This is a rabbit polyclonal antibody against SIR3. It was validated on Western Blot Target Description: 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 I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene.
Product Categories/Family for anti-SIRT3 antibody	Polyclonal; Transcription Factor; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912660
NCBI GeneID	23410
NCBI Accession #	NP_036371
NCBI GenBank Nucleotide #	NM_012239.6
UniProt Accession #	Q9NTG7
Molecular Weight	43kDa
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-3, mitochondrial isoform a
NCBI Official Synonym Full Names	sirtuin 3
NCBI Official Symbol	SIRT3
NCBI Official Synonym Symbols	SIR2L3
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-3, mitochondrial
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-3, mitochondrial
UniProt Gene Name	SIRT3
UniProt Synonym Gene Names	SIR2L3; hSIRT3
UniProt Entry Name	SIR3_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.