

Goat SIRT3 Polyclonal Antibody | anti-SIRT3 antibody

Goat anti-SIRT3 Antibody

CATALOG # AAA61168	HOST Goat	REACTIVITY Tested: Human; Expected from sequence similarity: Human	APPLICATIONS Western Blot, ELISA
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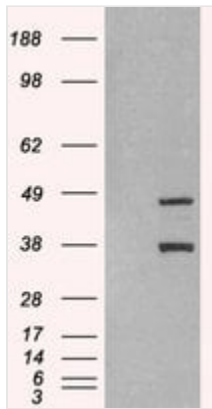
PRODUCT SYNONYMS

SIRT3; Polyclonal Antibody; Goat anti-SIRT3 Antibody; Goat Anti-Sirtuin 3 (mouse) Antibody; sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae); HGNC: 14931; SIR2L3; mitochondrial nicotinamide adenine dinucleotide-dependent deacetylase; silent mating type information regulation 2; S. cerevisiae; homolog 3; sir2-I; SIRT3 antibody; sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae) antibody; HGNC: 14931 antibody; SIR2L3 antibody; mitochondrial nicotinamide adenine dinucleotide-dependent deacetylase antibody; homolog 3 antibody; sir2-like 3 antibody; sirtuin (silent mating type information regulation 2; homolog) 3 antibody; sirtuin 3 antibody; sirtuin type 3 antibody; anti-SIRT3 antibody

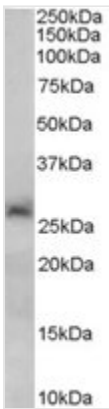
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QRETGKLDGP DK
Sequence Length	399
Applicable Applications for anti-SIRT3 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QRETGKLDGPDK, from the C Terminus of the protein sequence according to NP_036371.1, NP_001017524.1.
Epitope	C Terminus
Note	This antibody is expected to recognize both reported isoforms (NP_036371.1 and NP_001017524.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
HEK293 overexpressing SIRT3 (RC200190) and probed (mock transfection in first lane), tested by Origene.



WB (Western Blot)
0.2ug/ml staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912660
NCBI GeneID	23410
NCBI Accession #	NP_036371.1; NP_001017524.1
NCBI GenBank Nucleotide #	NM_012239.5
Molecular Weight	28,567 Da
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.