

Goat Sirtuin 1/SIRT1 Polyclonal Antibody | anti-SIRT1 antibody

Goat anti-Sirtuin 1/SIRT1 (aa577-590) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61546	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse	Immunohistochemistry, Western Blot, ELISA

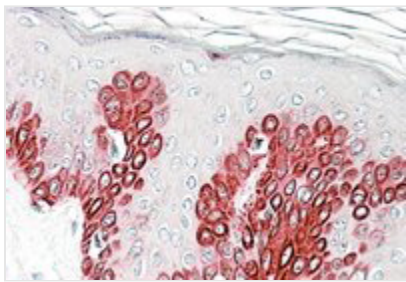
PRODUCT SYNONYMS

Sirtuin 1/SIRT1; Polyclonal Antibody; Goat anti-Sirtuin 1/SIRT1 (aa577-590) Antibody; Goat Anti-SIRT1 Antibody; SIRT1; sirtuin 1; SIR2L1; NAD-dependent deacetylase sirtuin-1; OTTHUMP00000198111; OTTHUMP00000198112; SIR2-like protein 1; SIR2alpha; hSIR2; hSIRT1; sir2-like 1; sirtuin type 1; SIRT1 antibody; sirtuin 1 antibody; SIR2L1 antibody; NAD-dependent deacetylase sirtuin-1 antibody; OTTHUMP00000198111 antibody; OTTHUMP00000198112 antibody; SIR2-like protein 1 antibody; SIR2alpha antibody; hSIR2 antibody; sir2-like 1 antibody; sirtuin type 1 antibody; Sirtuin 1; Sirtuin 1 / SIRT1 (aa577-590); anti-SIRT1 antibody

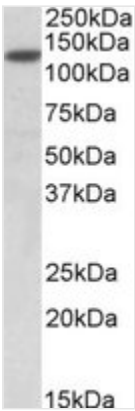
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse
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	EKPQEVQTSR NVES
Sequence Length	747
Applicable Applications for anti-SIRT1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-EKPQEVQTSRNVES, from the internal region of the protein sequence according to NP_036370.2; NP_001135970.1.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_036370.2; NP_001135970.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
3.8ug/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
0. 05ug/ml) staining of Jurkat lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657575
NCBI GeneID	23411
NCBI Accession #	NP_036370.2; NP_001135970.1
NCBI GenBank Nucleotide #	NM_012238.4
Molecular Weight	61,066 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-1 isoform a
NCBI Official Synonym Full Names	sirtuin 1
NCBI Official Symbol	SIRT1
NCBI Official Synonym Symbols	SIR2; SIR2L1; SIR2alpha
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-1
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-1
UniProt Gene Name	SIRT1
UniProt Synonym Gene Names	SIR2L1; hSIRT1; hSIR2; 75SirT1
UniProt Entry Name	SIR1_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.