

Rabbit Sirtuin 1 (SIRT1) Polyclonal Antibody | anti-SIRT1 antibody

Polyclonal Antibody to Sirtuin 1 (SIRT1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA131491	Rabbit	Mouse, Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

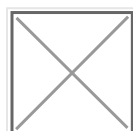
PRODUCT SYNONYMS

Sirtuin 1 (SIRT1); Polyclonal Antibody; Polyclonal Antibody to Sirtuin 1 (SIRT1); anti-SIRT1 antibody

PRODUCT SPECIFICATIONS

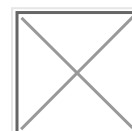
Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against SIRT1. It has been selected for its ability to recognize SIRT1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and its sequence is listed below. M GHHHHHHSGS EF-EDAVKLL QECKKIIVLT GAGVSVSCGI PDFRSRDGIY ARLAVDFPDL PDPQAMFDIE YFRKDP RPFF KFAKEIYPGQ FQPSLCHKFI ALSDKEGKLL RNYTQNIDTL EQVAGIQRIL QCHGSFATAS CLICKYKVDC EAVRGDIFNQ VVPRCPRCPA DEPLAIMKPE IVFFGENLPE QFHRAMKYDK DEVDLLIVIG SSLKVRPVAL IPSSIPHEVP QILINREPLP HLHFDVELLG DCDVIINELC HRLGGEYA
Sequence Length	420
Applicable Applications for anti-SIRT1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant SIRT1 (Glu236~Ala490) expressed in E.coli.
Cross Reactivity	Human, Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded Lung tissue



WB (Western Blot)

Western Blot: Sample: Recombinant SIRT1, Mouse.



WB (Western Blot)

Western Blot: Sample: Lane1: Mouse Serum; Lane2: Human Jurkat Cells; Lane3: Human Hela Cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9790229
NCBI GeneID	93759
NCBI Accession #	NP_062786.1
NCBI GenBank Nucleotide #	NM_019812.3
UniProt Accession #	Q923E4; Q9QXG8
Molecular Weight	59,875 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-1 isoform 1
NCBI Official Synonym Full Names	sirtuin 1
NCBI Official Symbol	Sirt1
NCBI Official Synonym Symbols	Sir2; Sir2a; SIR2L1; AA673258; 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; Sir2; mSIR2a; 75SirT1

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://stage.aaabiotech.com/polyclonal/sirtuin-1-sirt1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131491>