

Rabbit anti-Human SIRT2 Polyclonal Antibody | anti-SIRT2 antibody

SIRT2 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59944	Rabbit	Human	Western Blot, Immunoprecipitation

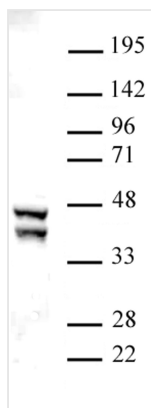
PRODUCT SYNONYMS

SIRT2; Polyclonal Antibody; SIRT2 antibody (pAb); SIR2; SIR2L; SIR2L2; anti-SIRT2 antibody

PRODUCT SPECIFICATIONS

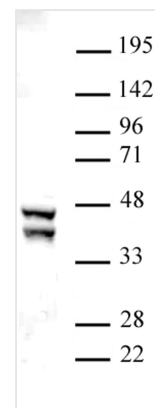
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-SIRT2 antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	This SIRT2 antibody was raised against a synthetic peptide derived from the C-terminal region of human SIRT2.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

SIRT2 antibody (pAb) tested by Western blot. Cytoplasmic extract of K-562 cells (25 ug per lane) probed with SIRT2 antibody (1:500).



WB (Western Blot)

SIRT2 antibody (pAb) tested by Immunoprecipitation. 10 ul of SIRT2 antibody was used to immunoprecipitate SIRT2 from 250 ug of K-562 cytoplasmic cell extract (lane 2). 10 ul of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the SIRT2 antibody at a dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT2 antibody	Short Description: Our SIRT2 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human samples. Background: SIRT2 is a member of the SIR2/Sirtuin family of NAD-dependant deacetylase enzymes. It has multiple targets for deacetylation, including tubulin, P53, HOXA10, FOXO3A, P300, FOXO1. SIRT2 suppresses adipogenesis by deacetylating FOXO1, promoting the binding of FOXO1 to PPARγ and subsequent repression of PPARγ mediated transcriptional activation. Similar to SIRT1, SIRT2 also deacetylates H4AcK16 similar to SIRT1, SIRT2 deacetylates histone H4 at lysine 16. SIRT2 is present in the cytoplasm during most of the cell cycle except in the G2/M transition and in mitosis, where it is found in the nucleus and in contact with chromatin and required for exit from mitosis.
Product Categories/Family for anti-SIRT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13775600
NCBI GeneID	22933
NCBI Accession #	NP_036369; AB_2615001
NCBI GenBank Nucleotide #	NM_012237.3
UniProt Accession #	Q8IXJ6; O95889; Q924Y7; Q9P0G8; Q9UNT0; Q9Y6E9; A8K3V1; B2RB45; U5TP13
Molecular Weight	Predicted: 43 kDa Observed: 52 kDa
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-2 isoform 1
NCBI Official Synonym Full Names	sirtuin 2
NCBI Official Symbol	SIRT2
NCBI Official Synonym Symbols	SIR2; SIR2L; SIR2L2
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-2; sirtuin type 2; SIR2-like protein 2; sir2-related protein type 2; silent information regulator 2; regulatory protein SIR2 homolog 2; NAD-dependent deacetylase sirtuin-2
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-2
UniProt Gene Name	SIRT2
UniProt Synonym Gene Names	SIR2L; SIR2L2
UniProt Entry Name	SIR2_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://stage.aaabiotech.com/polyclonal/sirt2-antibody-western-blot-immunoprecipitation-elisa/59944>