

Rabbit SIRT2 Polyclonal Antibody | anti-SIRT2 antibody

SIRT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302396	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

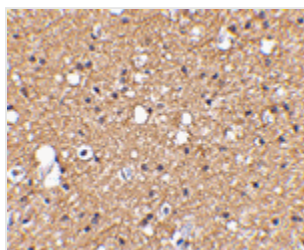
PRODUCT SYNONYMS

SIRT2; Polyclonal Antibody; SIRT2 Antibody; NAD-dependent deacetylase sirtuin-2; SIR2L; SIR2L2; SIR2-like; anti-SIRT2 antibody

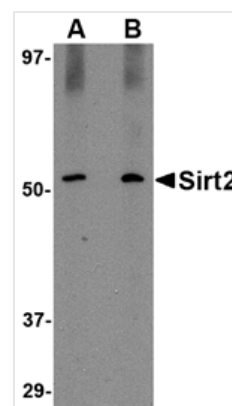
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	389
Applicable Applications for anti-SIRT2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 19 amino acid peptide near the carboxy terminus of the human SIRT2.
Target Name	SIRT2
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human brain tissue using Sirt2 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of SIRT2 in Mouse brain lysate with SIRT2 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT2 antibody	The founding member of the sirtuin protein family was the silent information regulator 2 protein (Sir2p) of <i>Saccharomyces cerevisiae</i> , an NAD ⁺ -dependent histone deacetylase (HDAC) that regulates chromatin silencing. The SIR2 family of genes are highly conserved from prokaryotes to eukaryotes. Mammals have seven homologs of Sir2p, SIRT1-7, which are involved in diverse processes ranging from transcriptional regulation, cell cycle progression and DNA-damage repair to aging. SIRT2 is a predominantly cytoplasmic protein that colocalizes with microtubules and can deacetylate alpha-tubulin and regulate progression through the cell cycle. Most Sirtuins are highly expressed in brain and testis, while Sirt2 expression is higher in fetal relative to adult brain. Recent studies on SIRT2 support the therapeutic utility of inhibitors for the treatment of neurodegenerative diseases such as Parkinson's disease.
Product Categories/Family for anti-SIRT2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13775600
NCBI GeneID	22933
NCBI Accession #	NP_036369
NCBI GenBank Nucleotide #	NM_012237.3
Molecular Weight	35,654 Da
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
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://www.aaabiotech.com/polyclonal/sirt2-antibody-immunohistochemistry-western-blot-elisa/302396>