

Rabbit SIRT1 Polyclonal Antibody | anti-SIRT1 antibody

SIRT1 Polyclonal Antibody

CATALOG # AAA177480	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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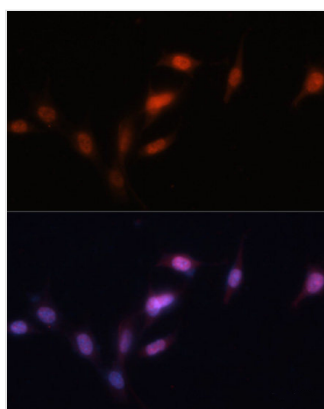
PRODUCT SYNONYMS

SIRT1; Polyclonal Antibody; SIRT1 Polyclonal Antibody; SIR2; SIR2L1; SIR2alpha; sirtuin 1; anti-SIRT1 antibody

PRODUCT SPECIFICATIONS

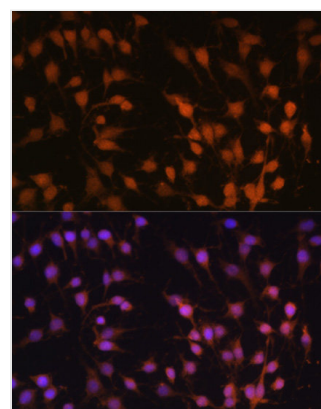
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SIRT1 antibody	IF (Immunofluorescence)
Immunogen	A synthetic peptide of human SIRT1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using SIRT1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using SIRT1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT1 antibody	This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-SIRT1 antibody	Cancer; Cell Biology; Epigenetics and Nuclear Signaling; Metabolism; Microbiology; Tags and Cell Markers; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	215982798
NCBI GeneID	23411
NCBI Accession #	NP_001135970.1
NCBI GenBank Nucleotide #	NM_001142498.1
UniProt Accession #	Q96EB6; Q2XNF6; Q5JVVQ0; Q9GZR9; Q9Y6F0
Molecular Weight	81,681 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-1 isoform b
NCBI Official Synonym Full Names	sirtuin 1
NCBI Official Symbol	SIRT1
NCBI Official Synonym Symbols	SIR2L1
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-1; hSIR2; hSIRT1; SIR2alpha; sir2-like 1; sirtuin type 1; SIR2-like protein 1; regulatory protein SIR2 homolog 1; NAD-dependent 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sirt1-antibody-immunofluorescence-elisa/177480>