

Rabbit SIRT1 Polyclonal Antibody | anti-SIRT1 antibody

SIRT1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311088	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

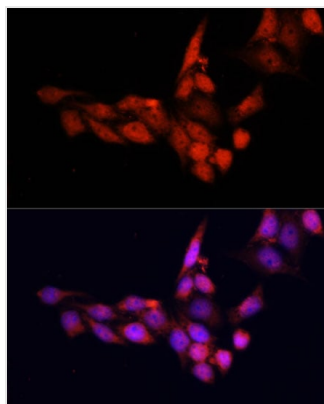
PRODUCT SYNONYMS

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

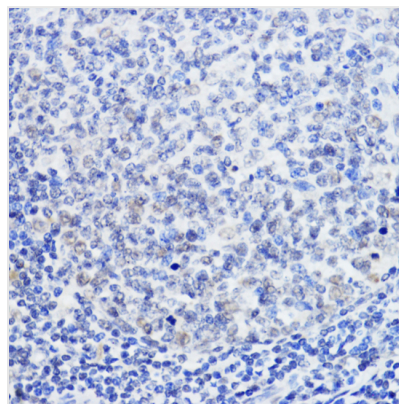
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-SIRT1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human SIRT1 (NP_036370.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

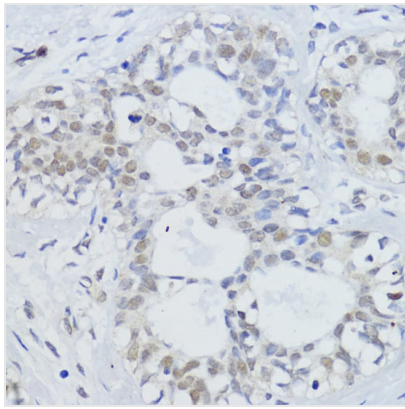
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using SIRT1 antibody.

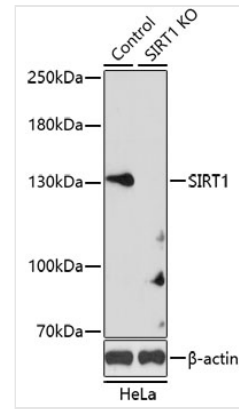

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using SIRT1 antibody.



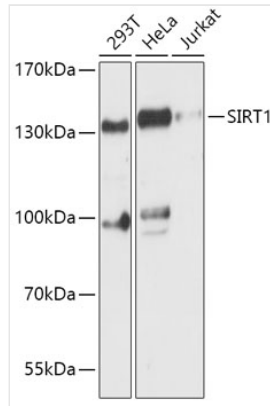
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human mammary cancer using SIRT1 antibody.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and SIRT1 knockout (KO) HeLa cells, using SIRT1 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SIRT1 antibody.

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

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657575
NCBI GeneID	23411
NCBI Accession #	NP_036370.2
NCBI GenBank Nucleotide #	NM_012238.4
UniProt Accession #	Q96EB6; Q2XNF6; Q5JVQ0; Q9GZR9; Q9Y6F0
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	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://stage.aaabiotech.com/polyclonal/sirt1-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/311088>