

Rabbit SIRT2 Polyclonal Antibody | anti-SIRT2 antibody

SIRT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321913	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

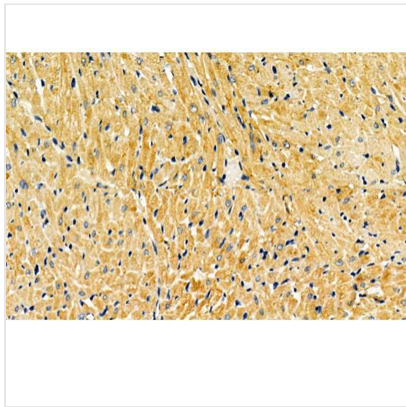
PRODUCT SYNONYMS

SIRT2; Polyclonal Antibody; SIRT2 Antibody; FLJ35621; FLJ37491; NAD dependent deacetylase sirtuin 2; NAD-dependent deacetylase sirtuin-2; NAD-dependent protein deacetylase sirtuin-2; Regulatory protein SIR2 homolog 2; Silencing information regulator 2 like; Silent information regulator 2; SIR2; SIR2 like protein 2; Sir2 related protein type 2; S. cerevisiae; homolog-loke 2; SIR2-like protein 2; SIR2L; SIR2L2; SIRT2_HUMAN; Sirtuin (silent mating type information regulation 2 homolog) 2 (S.cerevisiae); Sirtuin 2; Sirtuin type 2; anti-SIRT2 antibody

PRODUCT SPECIFICATIONS

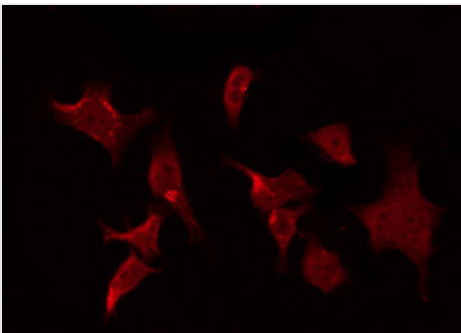
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SIRT2 antibody detects endogenous levels of total SIRT2
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	234
Applicable Applications for anti-SIRT2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SIRT2, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for up to 12 months from date of receipt.

IMAGES



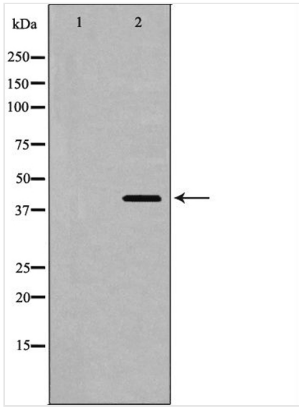
IHC (Immunohistochemisry)

AAA321913 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

AAA321913 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of SIRT2 expression in 293 cells, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT2 antibody	NAD-dependent protein deacetylase, which deacetylates the 'Lys-40' of alpha-tubulin. Involved in the control of mitotic exit in the cell cycle, probably via its role in the regulation of cytoskeleton.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300797705
NCBI GeneID	22933
NCBI Accession #	NP_001180215.1
NCBI GenBank Nucleotide #	NM_001193286.1
UniProt Accession #	Q8IXJ6; Q95889; Q924Y7; Q9P0G8; Q9UNT0; Q9Y6E9; A8K3V1; B2RB45; U5TP13
Molecular Weight	43 kDa
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-2 isoform 3
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

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-immunocytochemistry-immunofluorescence-western-blot-elisa/321913>