

Rabbit SIRT2 Monoclonal Antibody | anti-SIRT2 antibody

SIRT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312304	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunofluorescence, Immunocytochemistry

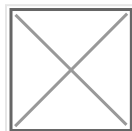
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

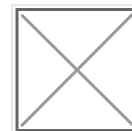
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN70-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SIRT2 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



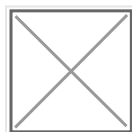
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells with SIRT2 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



ICC (Immunocytochemistry)

ICC staining SIRT2 in PC-12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining SIRT2 in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT2 antibody	The silent information regulator (SIR2) family of genes are highly conserved from prokaryotes to eukaryotes and are involved in diverse processes, including transcriptional regulation, cell cycle progression, DNA-damage repair and aging. In <i>S. cerevisiae</i> , Sir2p deacetylates histones in a NAD-dependent manner, which regulates silencing at the telomeric, rDNA and silent mating-type loci. Sir2p is the founding member of a large family, designated sirtuins, which contain a conserved catalytic domain. The human homologs, which include SIRT1-7, are divided into four main branches: SIRT1-3 are class I, SIRT4 is class II, SIRT5 is class III and SIRT6-7 are class IV. SIRT proteins may function via mono-ADP-ribosylation of proteins. SIRT2 contains a 323 amino acid catalytic core domain with a NAD-binding domain and a large groove which is the likely site of catalysis.
Product Categories/Family for anti-SIRT2 antibody	Total protein Ab

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
Molecular Weight	43,182 Da
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; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/sirt2-antibody-clone-sn70-04-flow-cytometry-immunoprecipitation-immunofluorescence-immunocytochemistry-elisa/312304>