Mouse anti-Human, Pig Sirtuin 3 (SIRT3) Monoclonal Antibody | anti-SIRT3 antibody

Monoclonal Antibody to Sirtuin 3 (SIRT3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152631	**Mouse**	**Human, Pig**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Sirtuin 3 (SIRT3); Monoclonal Antibody; Monoclonal Antibody to Sirtuin 3 (SIRT3); Sirtuin 3; SIR2L3; Silent Mating Type Information Reulation 2 Homolog 3; NAD-dependent protein deacetylase sirtuin-3; mitochondrial; SIR2-like protein 3; Reulatory protein SIR2 homolog 3; anti-SIRT3 antibody

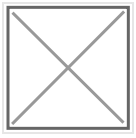
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C3
Specificity	The antibody is a mouse monoclonal antibody raised against SIRT3. It has been selected for its ability to recognize SIRT3 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Gln126~Lys399
Applicable Applications for anti-SIRT3 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Sirtuin 3 (SIRT3)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

WB (Western Blot)
Western Blot; Sample: 293T cell lysate Primary Ab: 2ug/ml Mouse Anti-human SIRT3 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

IHC (Immunohiostchemistry)
DAB staining on IHC-P;Sample: human Liver Tissue; Primary Ab: 40ug/ml Mouse Anti-human SIRT3 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Kidney Tissue; Primary Ab: 40ug/ml Mouse Anti-human SIRT3 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-SIRT3 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	63054862
NCBI GeneID	23410
NCBI Accession #	NP_001017524.1
NCBI GenBank Nucleotide #	NM_001017524.2
UniProt Accession #	Q9NTG7; Q9Y6E8; B7Z5U6
Molecular Weight	43,573 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-3, mitochondrial isoform b
NCBI Official Synonym Full Names	sirtuin 3
NCBI Official Symbol	SIRT3
NCBI Official Synonym Symbols	SIR2L3
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-3, mitochondrial; sir2-like 3; sirtuin type 3; SIR2-like protein 3; regulatory protein SIR2 homolog 3; NAD-dependent deacetylase sirtuin-3, mitochondrial; silent mating type information regulation 2, S.cerevisiae,
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-3, mitochondrial
UniProt Gene Name	**SIRT3**
UniProt Synonym Gene Names	SIR2L3; hSIRT3
UniProt Entry Name	SIR3_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/monoclonal/sirtuin-3-sirt3-antibody-clone-c3-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152631