Rabbit anti-Human SIRT7 / Sirtuin 7 Polyclonal Antibody | anti-SIRT7 antibody

Rabbit Polyclonal (IgG) to Human SIRT7 / Sirtuin 7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50850	**Rabbit**	**Human**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

SIRT7 / Sirtuin 7; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human SIRT7 / Sirtuin 7; Anti-SIRT7 / Sirtuin 7 Antibody IHC-plus; SIRT7; SIR2L7; Sirtuin type 7; SIR2-like protein 7; Sir2-related protein type 7; Sirtuin 7; Human SIRT7; anti-SIRT7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	A mixture of synthetic peptides corresponding to amino acids 35-51 and 361-377 of human SIRT7 was used as immunogen.
Purity/Purification	Protein G Purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	400
Applicable Applications for anti-SIRT7 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human SIRT7.
Immunogen Type	Synthetic peptide
Immunogen	SIRT7 / Sirtuin 7 antibody was raised against synthetic peptide from human SIRT7.
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES

WB (Western Blot)
Western blot of SIRT7 in A) human liver and B) PBMC lysate using antibody at 1 ug/ml.

IHC (Immunohistochemistry)
Anti-SIRT7 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706712

NCBI GeneID	51547
NCBI Accession #	NP_057622.1
NCBI GenBank Nucleotide #	NM_016538.2
UniProt Accession #	Q9NRC8; Q3MIK4; Q9NSZ6; Q9NUS6; A8K2K0; B3KSU8
Molecular Weight	35,851 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-7
NCBI Official Synonym Full Names	sirtuin 7
NCBI Official Symbol	SIRT7
NCBI Official Synonym Symbols	SIR2L7
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-7; sirtuin type 7; SIR2-like protein 7; sir2-related protein type 7; regulatory protein SIR2 homolog 7; NAD-dependent deacetylase sirtuin-7; silent mating type information regulation 2, S.cerevisiae, homolog 7
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-7
UniProt Gene Name	**SIRT7**
UniProt Synonym Gene Names	SIR2L7
UniProt Entry Name	SIR7_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/sirt7-sirtuin-7-antibody-western-blot-immunohistochemistry-elisa/50850