Rabbit anti-Human SIRT5 Polyclonal Antibody | anti-SIRT5 antibody

SIRT5 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283737	**Rabbit**	**Human**	**Western Blot, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

SIRT5; Polyclonal Antibody; SIRT5 Antibody (C-term); NAD-dependent protein deacylase sirtuin-5; mitochondrial {ECO:0000255|HAMAP-Rule:MF_03160}; 351-{ECO:0000255|HAMAP-Rule:MF_03160}; Regulatory protein SIR2 homolog 5 {ECO:0000255|HAMAP-Rule:MF_03160}; SIR2-like protein 5 {ECO:0000255|HAMAP-Rule:MF_03160}; SIRT5 {ECO:0000255|HAMAP-Rule:MF_03160}; SIR2L5; anti-SIRT5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SIRT5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-292 amino acids from the C-terminal region of human SIRT5.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	263-292
Sequence Length	292
Applicable Applications for anti-SIRT5 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
Western blot analysis of anti-SIRT5 Pab in Jurkat cell line lysate (35ug/lane). SIRT5(arrow) was detected using the purified Pab.

IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT5 antibody	SIRT5 is 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.
Product Categories/Family for anti-SIRT5 antibody	Cardiovascular; Metabolism
References	Frye, R.A., Biochem. Biophys. Res. Commun. 273(2):793-798 (2000). Frye, R.A., Biochem. Biophys. Res. Commun. 260(1):273-279 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	300795542
NCBI GeneID	23408
NCBI Accession #	NP_001180196.1; NP_001229756.1; NP_036373.1; NP_112534.1
NCBI GenBank Nucleotide #	NM_001193267.2
UniProt Accession #	Q9NXA8; Q5T294; Q5T295; Q9Y6E6; B4DFM4; B4DYJ5; F5H5Z9
Molecular Weight	33881
NCBI Official Full Name	NAD-dependent protein deacylase sirtuin-5, mitochondrial isoform 3
NCBI Official Synonym Full Names	sirtuin 5
NCBI Official Symbol	SIRT5
NCBI Official Synonym Symbols	SIR2L5
NCBI Protein Information	NAD-dependent protein deacylase sirtuin-5, mitochondrial
UniProt Protein Name	NAD-dependent protein deacylase sirtuin-5, mitochondrial
UniProt Gene Name	**SIRT5**
UniProt Entry Name	SIR5_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/sirt5-antibody-western-blot-immunohistochemistry-elisa/283737