

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

SIRT5 Rabbit mAb

CATALOG # AAA282998	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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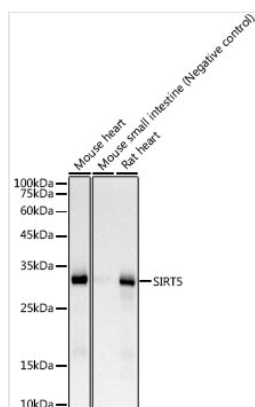
PRODUCT SYNONYMS

SIRT5; Monoclonal Antibody; SIRT5 Rabbit mAb; SIR2L5; anti-SIRT5 antibody

PRODUCT SPECIFICATIONS

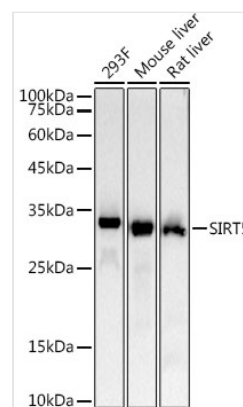
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SSSMADFRKF FAKAKHIVII SGAGVSAESG VPTFRGAGGY WRKWQAQDLA TPLAFAHNPS RVWEFYHYRR EVMGSKEPNA GHRAIAECET RLGKQGRRVV VITQNIDELH RKAGTKNLE IHGSLFKTRC TSCGVVAENY KSPICPALSG KGAPEPGTQD ASIPVEKLPR CEEAGCGGLL RPHVWVWGEN LDPAILEEVD RELAHCDLCL VVGTSVVYP AAMFAPQVAA RGVVPAEFNT ETPPATNRFR FHFQGPCGTT LPEALACHEN ETVS
Applicable Applications for anti-SIRT5 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 37-310 of human SIRT5 (NP_036373.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using SIRT5 Rabbit mAb (AAA282998) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of various lysates, using SIRT5 Rabbit mAb (AAA282998) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT5 antibody	This gene encodes 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. The protein encoded by this gene is included in class III of the sirtuin family. Alternative splicing of this gene results in multiple transcript variants.
Product Categories/Family for anti-SIRT5 antibody	Epigenetics Nuclear Signaling ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	300795542
NCBI GeneID	23408
NCBI Accession #	NP_001180196.1
NCBI GenBank Nucleotide #	NM_001193267.2
UniProt Accession #	Q9NXA8 ; Q5T294 ; Q5T295 ; Q9Y6E6 ; B4DFM4 ; B4DYJ5 ; F5H5Z9
Molecular Weight	Calculated MW: 34kDa Observed MW: 34kDa
UniProt Protein Name	NAD-dependent protein deacylase sirtuin-5, mitochondrial
UniProt Gene Name	SIRT5
UniProt Synonym Gene Names	SIR2L5
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/monoclonal/sirt5-antibody-western-blot-elisa/282998>