

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

SIRT5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302406	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

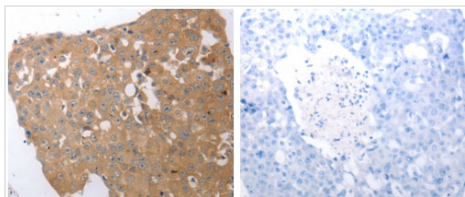
PRODUCT SYNONYMS

SIRT5; Polyclonal Antibody; SIRT5 Antibody; Sirtuin 5; SIR2L5; anti-SIRT5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total SIRT5 protein.
Form/Format	Supplied at 0.9mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	202
Applicable Applications for anti-SIRT5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 229-242 amino acids of Human sirtuin 5
Target Name	SIRT5
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human breast cancer tissue using 31267 (SIRT5 Antibody) at dilution 1/25, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE Lysate: 40 ug Mouse heart tissue lysate Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 10 seconds

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	338827628
NCBI GeneID	23408
NCBI Accession #	NP_001229756
NCBI GenBank Nucleotide #	NM_001242827.1
Molecular Weight	21,689 Da
NCBI Official Full Name	NAD-dependent protein deacylase sirtuin-5, mitochondrial isoform 4
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sirt5-antibody-immunohistochemistry-western-blot-elisa/302406>