

Rabbit SIRT5 Polyclonal Antibody | anti-SIRT5 antibody

SIRT5 antibody - middle region

CATALOG # AAA197355	HOST Rabbit	REACTIVITY Cow, Goat, Human, Mouse, Pig, Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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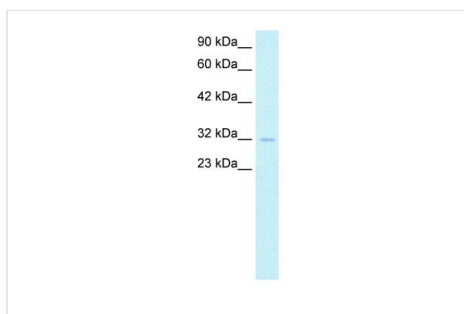
PRODUCT SYNONYMS

SIRT5; Polyclonal Antibody; SIRT5 antibody - middle region; anti-SIRT5 antibody

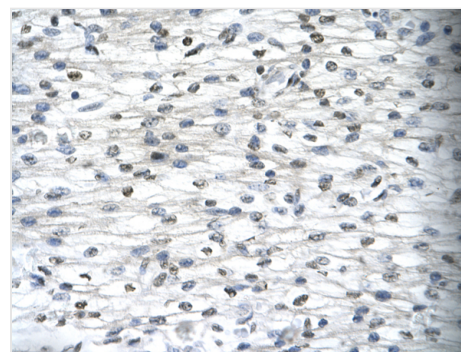
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Goat, Human, Mouse, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LS GKGAPEPGTQ DASIPVEKLP RCEEAGCGGL LRPHVWFGE NLDPAILE
Sequence Length	299
Applicable Applications for anti-SIRT5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 77%; Goat: 77%; Human: 100%; Mouse: 77%; Pig: 85%; Rabbit: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SIRT5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

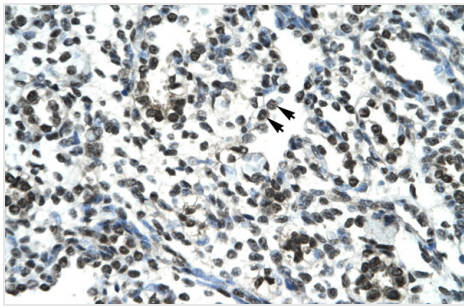
IMAGES


WB (Western Blot)

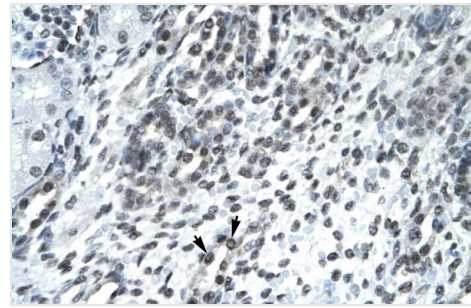
WB Suggested Anti-SIRT5 Antibody Titration: 1.0-2.0ug/ml Positive Control: Jurkat cell lysate


IHC (Immunohistochemistry)

Rabbit Anti-SIRT5 Antibody Paraffin Embedded Tissue: Human cardiac cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



IHC (Immunohistochemistry)
Human Lung



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT5 antibody	This is a rabbit polyclonal antibody against SIRT5. It was validated on Western Blot and immunohistochemistry Target Description: 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. The protein encoded by this gene is included in class III of the sirtuin family.
Product Categories/Family for anti-SIRT5 antibody	Polyclonal; Transcription Factor; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	13787215
NCBI GeneID	23408
NCBI Accession #	NP_112534
NCBI GenBank Nucleotide #	NM_031244
UniProt Accession #	Q9NXA8
Molecular Weight	33kDa
NCBI Official Full Name	NAD-dependent protein deacylase sirtuin-5, mitochondrial isoform 2
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 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.