

Rabbit anti-Human SIRT7 Polyclonal Antibody | anti-SIRT7 antibody

SIRT7 Polyclonal Antibody

CATALOG # AAA174488	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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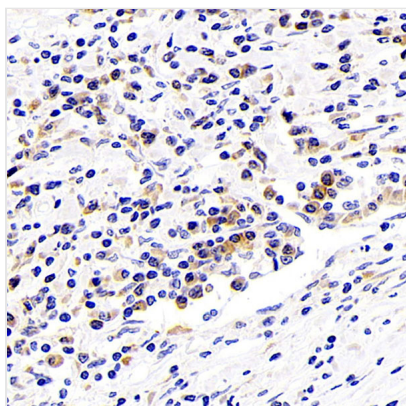
PRODUCT SYNONYMS

SIRT7; Polyclonal Antibody; SIRT7 Polyclonal Antibody; NAD dependent deacetylase sirtuin 7; NAD dependent protein deacetylase sirtuin 7; NAD-dependent protein deacetylase sirtuin-7; Regulatory protein SIR2 homolog 7; Silent mating type information regulation 2 homolog; Silent mating type information regulation 2 S.cerevisiae homolog 7; SIR2 L7; SIR2 like protein 7; Sir2 related protein type 7; SIR2; S.CEREVISIAE; HOMOLOG-LIKE 7; SIR2-like protein 7; SIR2L 7; SIR2L7; SIR7; SIRT 7; Sirtuin 7; Sirtuin type 7; Sirtuin7; anti-SIRT7 antibody

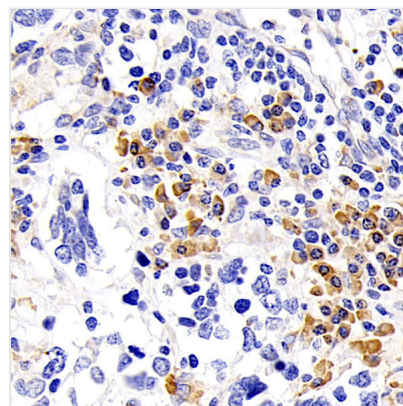
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	190 mug/mL (varies by lot)
Sequence Length	183
Applicable Applications for anti-SIRT7 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse SIRT7
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

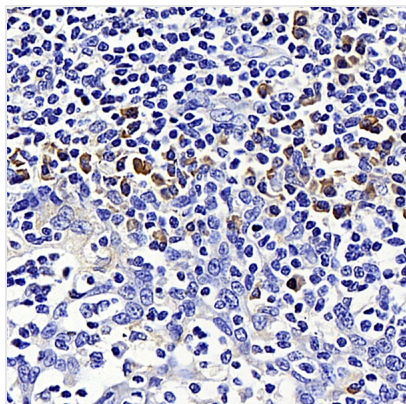
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human stomach cancer using SIRT7 Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human lung cancer using SIRT7 Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)
 Immunohistochemistry analysis of paraffin-embedded human tonsil using SIRT7 Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT7 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 IV of the sirtuin family.
Product Categories/Family for anti-SIRT7 antibody	Cancer; Cardiovascular; Epigenetics and Nuclear Signaling; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706712
NCBI GeneID	51547
NCBI Accession #	NP_057622.1
NCBI GenBank Nucleotide #	NM_016538.3
UniProt Accession #	Q9NRC8; Q3MIK4; Q9NSZ6; Q9NUS6; A8K2K0; B3KSU8
Molecular Weight	20,404 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
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-7
UniProt Gene Name	SIRT7
UniProt Synonym Gene Names	SIR2L7

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.