

Rabbit SIRT7 Polyclonal Antibody | anti-SIRT7 antibody

SIRT7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167906	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

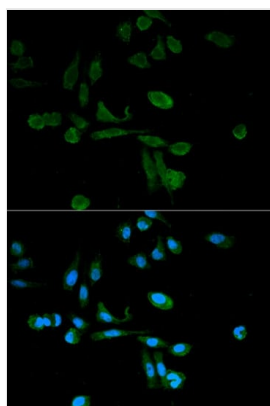
PRODUCT SYNONYMS

SIRT7; Polyclonal Antibody; SIRT7 Antibody; MGC126840; MGC126842; SIR2L7; anti-SIRT7 antibody

PRODUCT SPECIFICATIONS

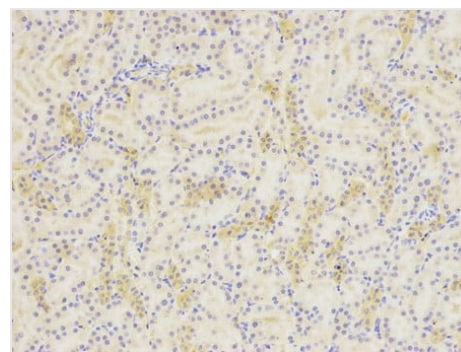
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	771
Applicable Applications for anti-SIRT7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human SIRT7
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-66281 / sc-66283
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



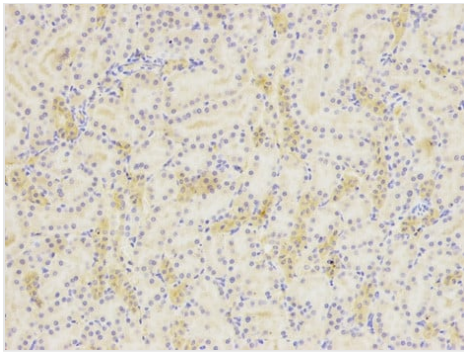
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using SIRT7 antibody. Blue: DAPI for nuclear staining.



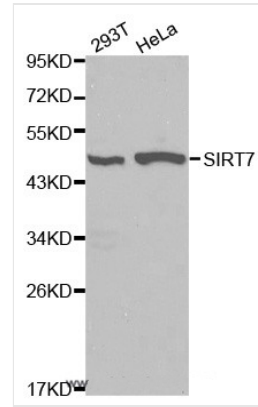
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using SIRT7 antibody at dilution of 1:100 (200x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using SIRT7 antibody at dilution of 1:100 (200x lens).



WB (Western Blot)

Western blot analysis of 293T cell and HeLa cell lysate using SIRT7 antibody.

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. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	24650933
NCBI GeneID	43433
NCBI Accession #	NP_651664.2
NCBI GenBank Nucleotide #	NM_143407.3
Molecular Weight	88,469 Da
NCBI Official Full Name	Sirt7
NCBI Official Symbol	Sirt7
NCBI Official Synonym Symbols	CG11305; D.mel5; DmelCG11305; dmSRT409; dSIRT7; SIRT7
NCBI Protein Information	CG11305 gene product from transcript CG11305-RA; CG11305-PA; Sirt7; Sirt7-PA
UniProt Protein Name	NAD-dependent protein deacetylase Sirt7
UniProt Gene Name	Sirt7
UniProt Entry Name	SIR7_DROME

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/sirt7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/167906>