

Rabbit anti-Mouse, Rat Sirtuin 7 (SIRT7) Polyclonal Antibody | anti-SIRT7 antibody

Polyclonal Antibody to Sirtuin 7 (SIRT7)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133024	Rabbit	Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

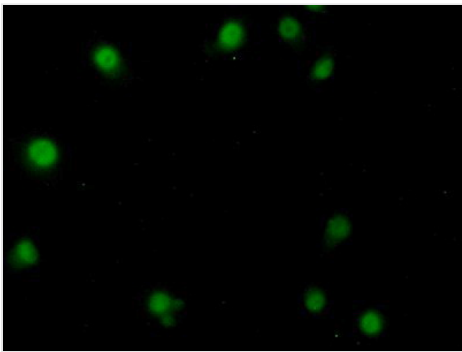
PRODUCT SYNONYMS

Sirtuin 7 (SIRT7); Polyclonal Antibody; Polyclonal Antibody to Sirtuin 7 (SIRT7); anti-SIRT7 antibody

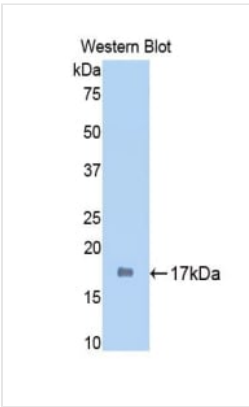
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against SIRT7. It has been selected for its ability to recognize SIRT7 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-PVSAADLS EAEPTLTHMS ITQLHKHKLV QHVVSQNC DG LHLRSGLPRT AISELHGNMY IEVCTSCIPN REYVRVFDVT ERTALHRHLT GRTCHKCGTQ LRDTIVHFGE RGTLGQPLNW EAATEAASKA DTILCLGSSL KV
Sequence Length	393
Applicable Applications for anti-SIRT7 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant SIRT7 (Pro135~Val274) expressed in E.coli.
Cross Reactivity	Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

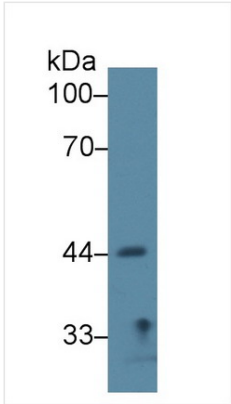
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P. Samples: Rat Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Rat Lung lysate; Primary Ab: 2ug/ml Rabbit Anti-Rat SIRT7 Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	157818983
NCBI GeneID	303745
NCBI Accession #	NP_001100543.1
NCBI GenBank Nucleotide #	NM_001107073.1
UniProt Accession #	B2RZ55; F1LQY4
Molecular Weight	45,113 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-7
NCBI Official Synonym Full Names	sirtuin 7
NCBI Official Symbol	Sirt7
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-7
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-7
UniProt Gene Name	Sirt7

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.

