

Rabbit SIRT6 Polyclonal Antibody | anti-SIRT6 antibody

SIRT6 Rabbit pAb

CATALOG # AAA281958	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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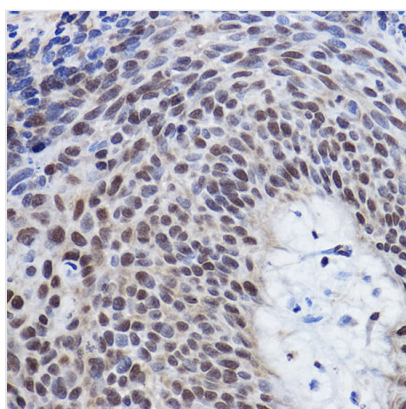
PRODUCT SYNONYMS

SIRT6; Polyclonal Antibody; SIRT6 Rabbit pAb; SIR2L6; sirtuin 6; anti-SIRT6 antibody

PRODUCT SPECIFICATIONS

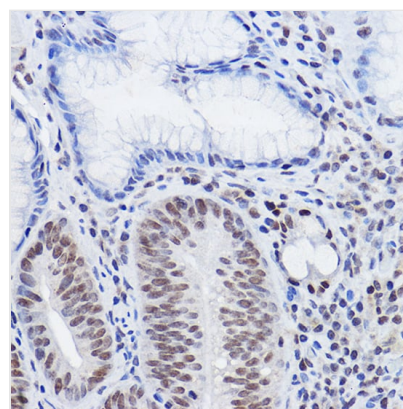
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-SIRT6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human SIRT6.
Cellular Location	Nucleus, nucleoplasm
Positive Samples	Mouse brain, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



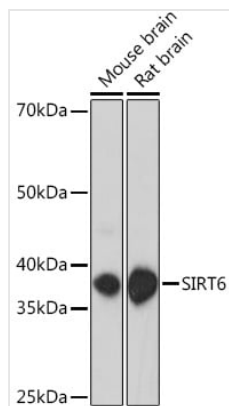
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using SIRT6 Rabbit pAb at dilution of 1:50 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using SIRT6 Rabbit pAb at dilution of 1:50 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SIRT6 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT6 antibody

Background: This gene encodes a member of the sirtuin family of NAD-dependent enzymes that are implicated in cellular stress resistance, genomic stability, aging and energy homeostasis. The encoded protein is localized to the nucleus, exhibits ADP-ribosyl transferase and histone deacetylase activities, and plays a role in DNA repair, maintenance of telomeric chromatin, inflammation, lipid and glucose metabolism. Alternative splicing results in multiple transcript variants encoding different isoforms.

Product Categories/Family for anti-SIRT6 antibody

Epigenetics & Nuclear Signaling; Epigenetic writers and erasers of core Histones; Deacetylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	38258612
NCBI GeneID	51548
UniProt Accession #	Q8N6T7; O75291; Q6IAF5; Q6PK99; Q8NCD2; Q9BSI5; Q9BWP3; Q9NRC7; Q9UQD1; B2RCD0
Molecular Weight	355
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-6
NCBI Official Synonym Full Names	sirtuin 6
NCBI Official Symbol	SIRT6
NCBI Official Synonym Symbols	SIR2L6
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-6; sirtuin type 6; SIR2-like protein 6; sir2-related protein type 6; regulatory protein SIR2 homolog 6; NAD-dependent deacetylase sirtuin-6
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-6
UniProt Gene Name	SIRT6
UniProt Synonym Gene Names	SIR2L6
UniProt Entry Name	SIR6_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.