

Rabbit SIRT3 Polyclonal Antibody | anti-SIRT3 antibody

SIRT3 Polyclonal Antibody

CATALOG # AAA37600	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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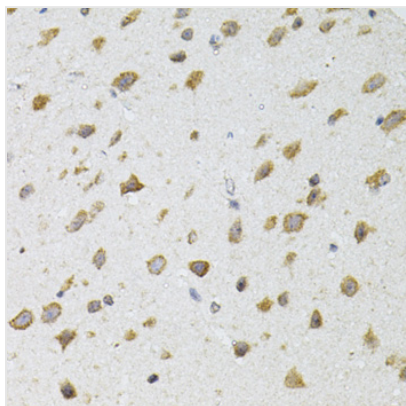
PRODUCT SYNONYMS

SIRT3; Polyclonal Antibody; SIRT3 Polyclonal Antibody; SIR2L3; anti-SIRT3 antibody

PRODUCT SPECIFICATIONS

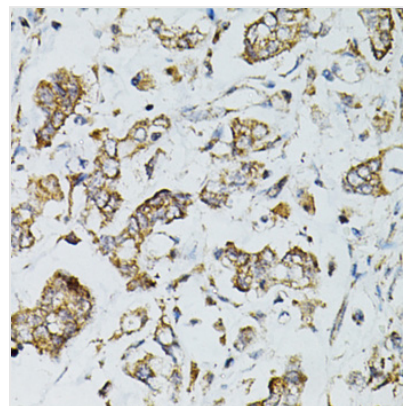
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	399
Applicable Applications for anti-SIRT3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant Protein of human SIRT3
Calculated Molecular Weight	44kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



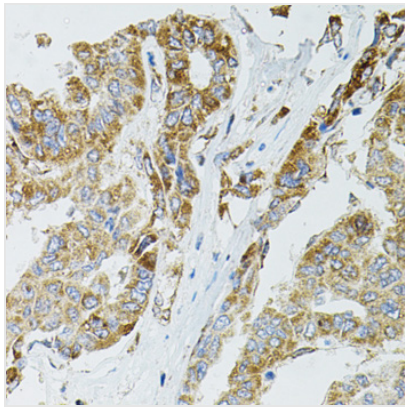
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using SIRT3 antibody at dilution of 1:100 (40x lens).



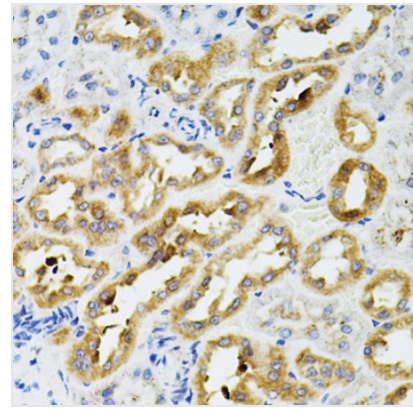
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using SIRT3 antibody at dilution of 1:100 (40x lens).



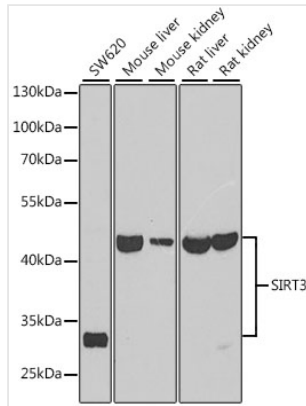
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human liver cancer using SIRT3 antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded rat kidney using SIRT3 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SIRT3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT3 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 I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene.
Product Categories/Family for anti-SIRT3 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	38258651
NCBI GeneID	23410
UniProt Accession #	Q9NTG7 ; Q9Y6E8 ; B7Z5U6
Molecular Weight	399
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-3, mitochondrial
NCBI Official Synonym Full Names	sirtuin 3

NCBI Official Symbol	SIRT3
NCBI Official Synonym Symbols	SIR2L3
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-3, mitochondrial; sir2-like 3; sirtuin type 3; SIR2-like protein 3; regulatory protein SIR2 homolog 3; NAD-dependent deacetylase sirtuin-3, mitochondrial; silent mating type information regulation 2, S.cerevisiae, homolog 3; mitochondrial nicotinamide adenine dinucleotide-dependent deacetylase
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-3, mitochondrial
UniProt Gene Name	SIRT3
UniProt Synonym Gene Names	SIR2L3; hSIRT3
UniProt Entry Name	SIR3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sirt3-antibody-immunohistochemistry-western-blot-elisa/37600>