

Rabbit SIRT3 Polyclonal Antibody | anti-SIRT3 antibody

SIRT3 Polyclonal Antibody

CATALOG # AAA311391	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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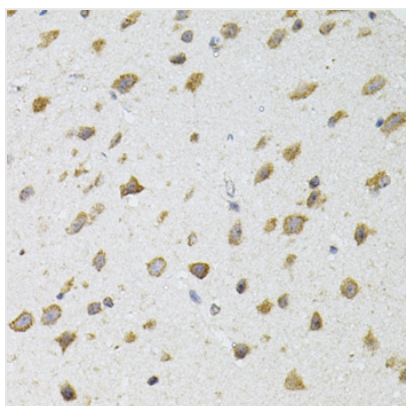
PRODUCT SYNONYMS

SIRT3; Polyclonal Antibody; SIRT3 Polyclonal Antibody; SIR2L3; sirtuin 3; anti-SIRT3 antibody

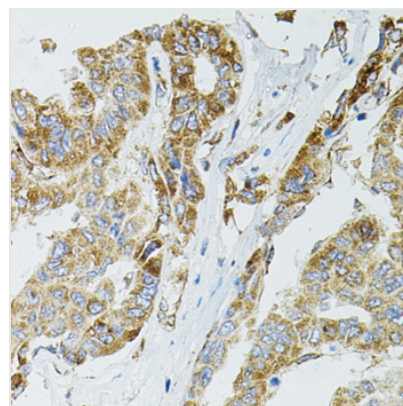
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-SIRT3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic synthetic peptide of human SIRT3 (NP_036371.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

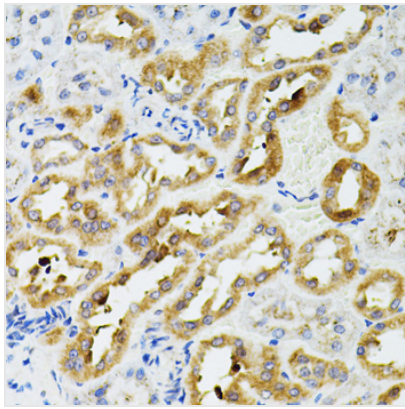
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using SIRT3 antibody.

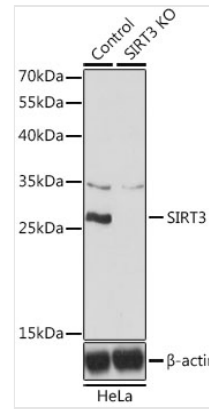

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using SIRT3 antibody.



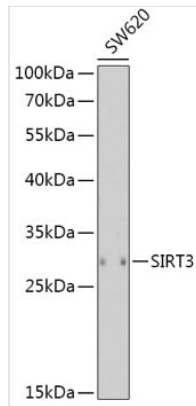
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using SIRT3 antibody.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and SIRT3 knockout (KO) HeLa cells, using SIRT3 antibody.



WB (Western Blot)

Western blot analysis of extracts of SW620 cells, using SIRT3 antibody.

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

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912660
NCBI GeneID	23410
NCBI Accession #	NP_036371.1; NP_001017524.1
NCBI GenBank Nucleotide #	NM_012239.5
UniProt Accession #	Q9NTG7; Q9Y6E8; B7Z5U6
Molecular Weight	28,567 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-3, mitochondrial isoform a
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
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://www.aaabiotech.com/polyclonal/sirt3-antibody-immunohistochemistry-western-blot-elisa/311391>