

Rabbit anti-Human SIRT6 Polyclonal Antibody | anti-SIRT6 antibody

SIRT6 Antibody (C-term)

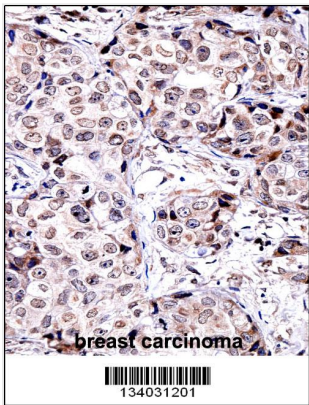
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285764	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

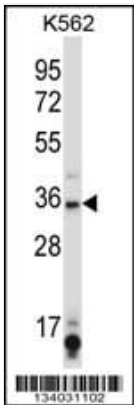
SIRT6; Polyclonal Antibody; SIRT6 Antibody (C-term); NAD-dependent protein deacetylase sirtuin-6; 351-; Regulatory protein SIR2 homolog 6; SIR2-like protein 6; SIR2L6; anti-SIRT6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SIRT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 276-305 amino acids from the C-terminal region of human SIRT6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	276-305
Sequence Length	328
Applicable Applications for anti-SIRT6 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
SIRT6 Antibody (C-term) (AAA285764)immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SIRT6 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SIRT6 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the SIRT6 antibody detected the SIRT6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT6 antibody	NAD-dependent protein deacetylase. Has deacetylase activity towards 'Lys-9' and 'Lys-56' of histone H3. Modulates acetylation of histone H3 in telomeric chromatin during the S-phase of the cell cycle. Deacetylates 'Lys-9' of histone H3 at NF-kappa-B target promoters and may down-regulate the expression of a subset of NF-kappa-B target genes. Deacetylation of nucleosomes interferes with RELA binding to target DNA. May be required for the association of WRN with telomeres during S-phase and for normal telomere maintenance. Required for genomic stability. Required for normal IGF1 serum levels and normal glucose homeostasis. Modulates cellular senescence and apoptosis. Regulates the production of TNF protein (By similarity).
Product Categories/Family for anti-SIRT6 antibody	Cancer; Cardiovascular; Metabolism; Microbiology; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	300797597
NCBI GeneID	51548
NCBI Accession #	NP_001180214.1; NP_057623.2
NCBI GenBank Nucleotide #	NM_001193285.1
UniProt Accession #	Q8N6T7; O75291; Q6IAF5; Q6PK99; Q8NCD2; Q9BSI5; Q9BWP3; Q9NRC7; Q9UQD1; B2RCDO
Molecular Weight	39119
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-6 isoform 2
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sirt6-antibody-immunohistochemistry-western-blot-elisa/285764>