

anti-Human, Mouse SIRT6 Polyclonal Antibody | anti-SIRT6 antibody

Anti-SIRT6 Antibody

CATALOG # AAA46252	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------------------	---

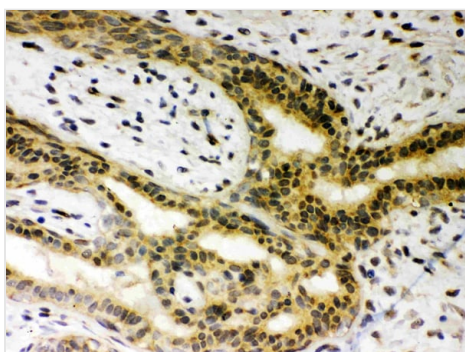
PRODUCT SYNONYMS

SIRT6; Polyclonal Antibody; Anti-SIRT6 Antibody; NAD-dependent protein deacetylase sirtuin-6; 2810449N18Rik; AI043036; Mono ADP ribosyltransferase sirtuin 6; Mono-ADP-ribosyltransferase sirtuin-6; NAD-dependent deacetylase sirtuin-6; Regulatory proteinSIR2 homolog; SIR2 like 6; SIR2 like protein 6; Sir2 related protein type 6; SIR2-like protein 6; SIR2L6; SIRT 6; SIRT6_HUMAN; Sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae); Sirtuin 6; Sirtuin type 6; Sirtuin6; sirtuin 6; anti-SIRT6 antibody

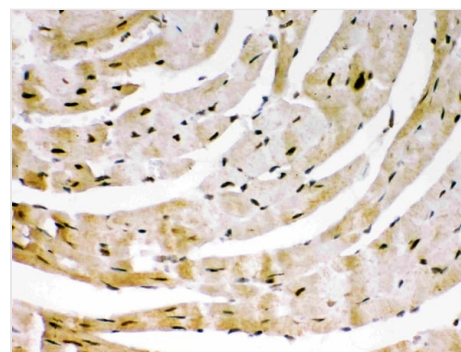
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	328
Applicable Applications for anti-SIRT6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human SIRT6 recombinant protein (Position: D14-E180). Human SIRT6 shares 95% amino acid (aa) sequence identity with mouse SIRT6.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

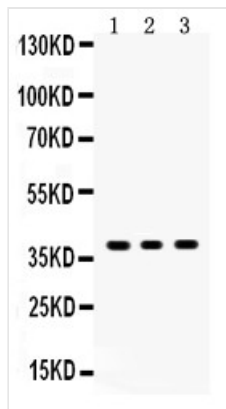
IMAGES



IHC (Immunohistochemistry)
Anti- SIRT6Picoband antibody, AAA46252, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti- SIRT6Picoband antibody, AAA46252, IHC(P)IHC(P): Mouse Cardiac Muscle Tissue



WB (Western Blot)

Anti- SIRT6Picoband antibody, AAA46252, Western blottingAll lanes: Anti SIRT6 (AAA46252)
at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: A549 Whole Cell Lysate at
40ugLane 3: Human Placenta Tissue Lysate at 50ugPredicted bind size: 39KDObserved bind
size: 39KD

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT6 antibody	Description: Rabbit IgG polyclonal antibody for NAD-dependent protein deacetylase sirtuin-6(SIRT6) detection. Tested with WB, IHC-P in Human;Mouse. Background: SIRT6 is also known as SIR2L6. 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 IV of the sirtuin family. Alternative splicing results in multiple transcript variants.
References	1. Kugel S, et al. Chromatin and beyond: the multitasking roles for SIRT6. Trends Biochem Sci, 2014 Feb. 2. Takasaka N, et al. Autophagy induction by SIRT6 through attenuation of insulin-like growth factor signaling is involved in the regulation of human bronchial epithelial cell senescence. J Immunol, 2014 Feb 1. 3. Zhang ZG, et al. Sirt6 suppresses hepatocellular carcinoma cell growth via inhibiting the extracellular signal regulated kinase signaling pathway. Mol Med Rep, 2014 Mar.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300797597
NCBI GeneID	51548
NCBI Accession #	NP_001180214.1
NCBI GenBank Nucleotide #	NM_001193285.2
UniProt Accession #	Q8N6T7; O75291; Q6IAF5; Q6PK99; Q8NCD2; Q9BSI5; Q9BWP3; Q9NRC7; Q9UQD1; B2RCD0
Molecular Weight	36,065 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sirt6-antibody-immunohistochemistry-western-blot-elisa/46252>