

Rabbit anti-Human NAD-dependent protein deacetylase sirtuin-3 Polyclonal Antibody | anti-SIRT3 antibody

Rabbit anti-human NAD-dependent protein deacetylase sirtuin-3, mitochondrial polyclonal Antibody(SIRT3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119479	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

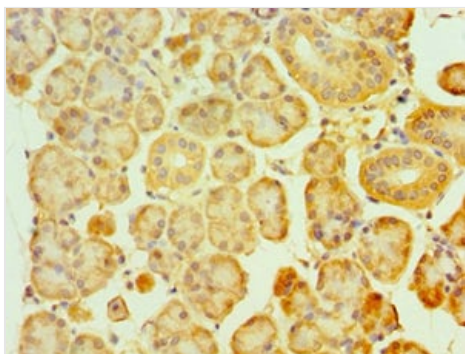
PRODUCT SYNONYMS

NAD-dependent protein deacetylase sirtuin-3; Polyclonal Antibody; Rabbit anti-human NAD-dependent protein deacetylase sirtuin-3; mitochondrial polyclonal Antibody(SIRT3); hSIRT3; Regulatory protein SIR2 homolog 3; SIR2-like protein 3; SIRT3; SIR2L3; anti-SIRT3 antibody

PRODUCT SPECIFICATIONS

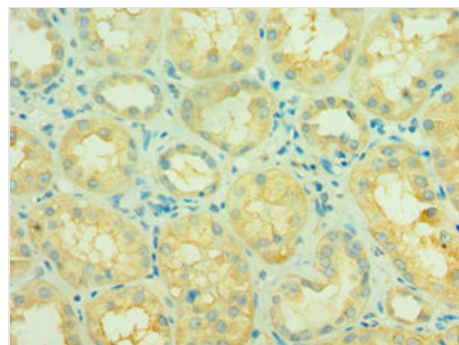
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	257
Applicable Applications for anti-SIRT3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human NAD-dependent protein deacetylase sirtuin-3, mitochondrial protein (20-130aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-49744 / sc-49743 / sc-99143
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



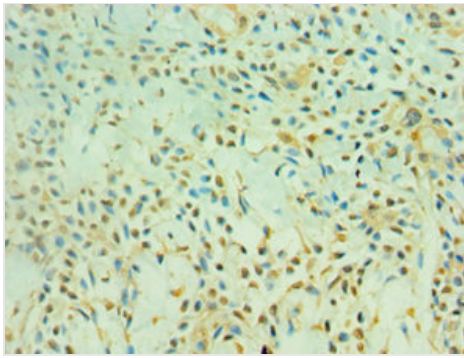
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreas using AAA119479 at dilution 1:100



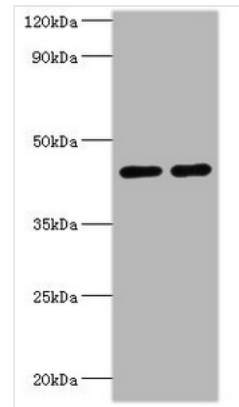
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA119479 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded breast cancer prostate using AAA119479 at dilution 1:100



WB (Western Blot)

All lanes: NAD-dependent protein deacetylase sirtuin-3, mitochondrial antibody at 2ug/ml
Lane 1: NIH3T3 whole cell lysate
Lane 2: HepG2 whole cell lysate
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 44,29 kDa
Observed band size: 44 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SIRT3 antibody

NAD-dependent protein deacetylase. Activates or deactivates mitochondrial target proteins by deacetylating key lysine residues. Known targets include ACSS1, IDH, GDH, SOD2, PDHA1, LCAD, SDHA and the ATP synthase subunit ATP5O. Contributes to the regulation of the cellular energy metabolism. Important for regulating tissue-specific ATP levels.

NCBI AND UNIPROT INFORMATION

NCBI GI #	63054862
NCBI GeneID	23410
NCBI Accession #	NP_001017524.1
NCBI GenBank Nucleotide #	NM_001017524.2
UniProt Accession #	Q9NTG7; Q9Y6E8; B7Z5U6
Molecular Weight	28,567 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-3, mitochondrial isoform b
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://stage.aaabiotech.com/polyclonal/nad-dependent-protein-deacetylase-sirtuin-3-antibody-immunohistochemistry-western-blot-elisa/119479>