

Rabbit anti-Human NMNAT1 Polyclonal Antibody | anti-NMNAT1 antibody

NMNAT1 Antibody

CATALOG # AAA231155	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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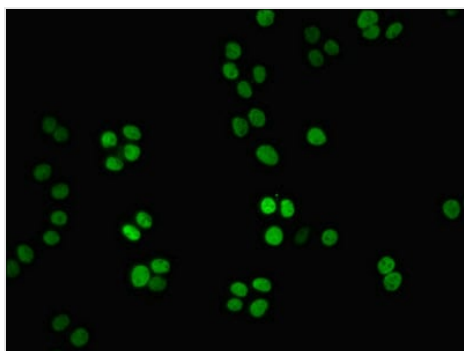
PRODUCT SYNONYMS

NMNAT1; Polyclonal Antibody; NMNAT1 Antibody; Nicotinamide/nicotinic acid mononucleotide adenylyltransferase 1 Curated; NMN/NaMN adenylyltransferase 1; Nicotinamide-nucleotide adenylyltransferase 1; NMN adenylyltransferase 1; Nicotinate-nucleotide adenylyltransferase 1; NaMN adenylyltransferase 1; NMNAT; anti-NMNAT1 antibody

PRODUCT SPECIFICATIONS

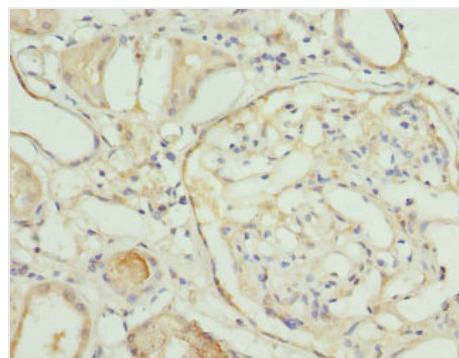
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	279
Applicable Applications for anti-NMNAT1 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Nicotinamide/nicotinic acid mononucleotide adenylyltransferase 1 protein (1-279AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-30841 / sc-98249
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



IF (Immunofluorescence)

Immunofluorescent analysis of PC3 cells using AAA231155 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231155 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-NMNAT1 antibody	Catalyzes the formation of NAD(+) from nicotinamide mononucleotide (NMN) and ATP. Can also use the deamidated form; nicotinic acid mononucleotide (NaMN) as substrate with the same efficiency. Can use triazofurin monophosphate (TrMP) as substrate. Also catalyzes the reverse reaction, i.e. the pyrophosphorolytic cleavage of NAD(+). For the pyrophosphorolytic activity, prefers NAD(+) and NaAD as substrates and degrades NADH, nicotinic acid adenine dinucleotide phosphate (NHD) and nicotinamide guanine dinucleotide (NGD) less effectively. Fails to cleave phosphorylated dinucleotides NADP(+), NADPH and NaADP(+). Protects against axonal degeneration following mechanical or toxic insults.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	663071195
NCBI GeneID	64802
NCBI Accession #	NP_001284707.1
NCBI GenBank Nucleotide #	NM_001297778.1
UniProt Accession #	Q9HAN9; Q8TAE9; Q9H247; Q9H6B6; B1AN63
Molecular Weight	31,932 Da
NCBI Official Full Name	nicotinamide/nicotinic acid mononucleotide adenylyltransferase 1 isoform 1
NCBI Official Synonym Full Names	nicotinamide nucleotide adenylyltransferase 1
NCBI Official Symbol	NMNAT1
NCBI Official Synonym Symbols	LCA9; NMNAT; PNAT1
NCBI Protein Information	nicotinamide/nicotinic acid mononucleotide adenylyltransferase 1
UniProt Protein Name	Nicotinamide/nicotinic acid mononucleotide adenylyltransferase 1
UniProt Gene Name	NMNAT1
UniProt Synonym Gene Names	NMNAT; NMN/NaMN adenylyltransferase 1; NMN adenylyltransferase 1; NaMN adenylyltransferase 1
UniProt Entry Name	NMNA1_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/nmnat1-antibody-immunohistochemistry-elisa/231155>