

Rabbit anti-Human Nicotinamide mononucleotide adenylyltransferase 3 Polyclonal Antibody | anti-NMNAT3 antibody

Rabbit anti-human Nicotinamide mononucleotide adenylyltransferase 3 polyclonal Antibody

CATALOG # AAA230211	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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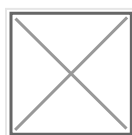
PRODUCT SYNONYMS

Nicotinamide mononucleotide adenylyltransferase 3; Polyclonal Antibody; Rabbit anti-human Nicotinamide mononucleotide adenylyltransferase 3 polyclonal Antibody; Nicotinamide mononucleotide adenylyltransferase 3 protein; NMN adenylyltransferase 3; Nicotinate-nucleotide adenylyltransferase 3; NaMN adenylyltransferase 3; Pyridine nucleotide adenylyltransferase 3; PNAT-3FKSG76; NMNAT3; anti-NMNAT3 antibody

PRODUCT SPECIFICATIONS

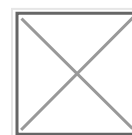
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	163
Applicable Applications for anti-NMNAT3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Nicotinamide mononucleotide adenylyltransferase 3 protein(1-215aa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-55874 / sc-55865
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA230211 at dilution 1:100



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA230211 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: Nicotinamide mononucleotide adenyltransferase 3 antibody at 2ug/ml+mouse brain tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 29,25,19 kDaObserved band size: 28 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NMNAT3 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. Can also use GTP and ITP as nucleotide donors. Also catalyzes the reverse reaction, i.e. the pyrophosphorolytic cleavage of NAD ⁺ . For the pyrophosphorolytic activity, can use NAD (+), NADH, NAAD, nicotinic acid adenine dinucleotide phosphate (NHD), nicotinamide guanine dinucleotide (NGD) as substrates. Fails to cleave phosphorylated dinucleotides NADP ⁺ , NADPH and NAADP ⁺ . Protects against axonal degeneration following injury.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	318068039
NCBI GeneID	349565
NCBI Accession #	NP_001186976.1
NCBI GenBank Nucleotide #	NM_001200047.2
UniProt Accession #	Q96T66; Q8N4G1; B3KVR6; D3DNF2; D3DNF3
Molecular Weight	18,255 Da
NCBI Official Full Name	nicotinamide/nicotinic acid mononucleotide adenyltransferase 3 isoform 2
NCBI Official Synonym Full Names	nicotinamide nucleotide adenyltransferase 3
NCBI Official Symbol	NMNAT3
NCBI Official Synonym Symbols	PNAT3; FKSG76; PNAT-3
NCBI Protein Information	nicotinamide/nicotinic acid mononucleotide adenyltransferase 3
UniProt Protein Name	Nicotinamide/nicotinic acid mononucleotide adenyltransferase 3
UniProt Gene Name	NMNAT3
UniProt Synonym Gene Names	NMN/NaMN adenyltransferase 3; NMN adenyltransferase 3; NaMN adenyltransferase 3; PNAT-3
UniProt Entry Name	NMNA3_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/nicotinamide-mononucleotide-adenyltransferase-3-antibody-immunohistochemistry-western-blot-elisa/230211>