

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

Rabbit anti-NMNAT1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212617	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

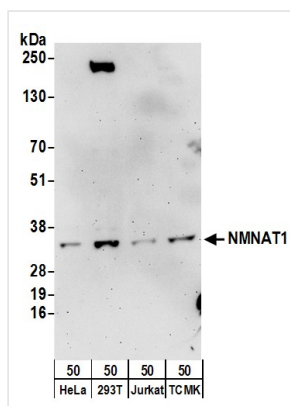
PRODUCT SYNONYMS

NMNAT1; Polyclonal Antibody; Rabbit anti-NMNAT1 Antibody; Affinity Purified; nicotinamide/nicotinic acid mononucleotide adenylyltransferase 1; PNAT1; NMNAT; NMN/NaMN adenylyltransferase 1; pyridine nucleotide adenylyltransferase 1; NMN adenylyltransferase 1; nicotinamide mononucleotide adenylyltransferase 1; NaMN adenylyltransferase 1; LCA9; Nicotinamide-nucleotide adenylyltransferase 1; nicotinate-nucleotide adenylyltransferase 1; Nicotinamide/nicotinic acid mononucleotide adenylyltransferase 1; nicotinamide nucleotide adenylyltransferase 1; anti-NMNAT1 antibody

PRODUCT SPECIFICATIONS

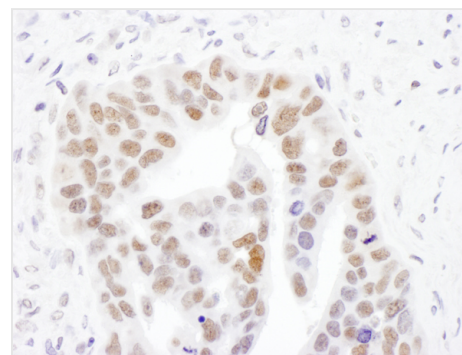
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-NMNAT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 229 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse NMNAT1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, and mouse TCMK-1 cells. Antibodies: Affinity purified rabbit anti-NMNAT1 antibody AAA212617 (lot AAA212617-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human NMNAT1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-NMNAT1 (Cat. No. AAA212617 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-NMNAT1 antibody	Nicotinamide mononucleotide adenylyltransferase 1 (NMNAT1) catalyzes the formation of NAD(+) from nicotinamide mononucleotide (NMN) and ATP. NMNAT1 is an enzyme which catalyzes a key step in the biosynthesis of the coenzyme NAD. NMNAT1 is one of several nicotinamide nucleotide adenylyltransferases. Studies in Drosophila and mammalian neurons have shown NMNAT1 can confer protection to damaged neurons. This protection requires enzymatic activity which increases NAD levels and activates a nuclear deacetylase which is the protective molecu[taken from NCBI Entrez Gene (Gene ID: 64802)].
Product Categories/Family for anti-NMNAT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	95113669
NCBI GeneID	64802
NCBI Accession #	NP_073624.2
NCBI GenBank Nucleotide #	NM_022787
UniProt Accession #	Q9HAN9; Q8TAE9; Q9H247; Q9H6B6; B1AN63
Molecular Weight	31,932 Da
NCBI Official Full Name	Homo sapiens nicotinamide nucleotide adenylyltransferase 1 (NMNAT1), transcript variant 1, mRNA
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; NMN adenylyltransferase 1; NMN/NaMN adenylyltransferase 1; nicotinamide mononucleotide adenylyltransferase 1; nicotinamide-nucleotide adenylyltransferase 1; nicotinate-nucleotide adenylyltr
UniProt Protein Name	Nicotinamide mononucleotide adenylyltransferase 1
UniProt Gene Name	NMNAT1
UniProt Synonym Gene Names	NMNAT; 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-western-blot-elisa/212617>