

Rabbit NMNAT1 Polyclonal Antibody | anti-NMNAT1 antibody

NMNAT1

CATALOG # AAA279421	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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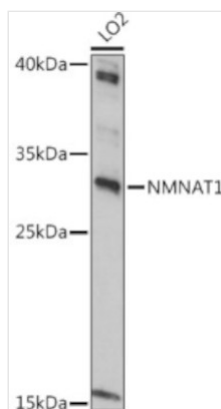
PRODUCT SYNONYMS

NMNAT1; Polyclonal Antibody; anti-NMNAT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.
Sequence Length	279
Applicable Applications for anti-NMNAT1 antibody	ELISA, WB (Western Blot)
Species Reactivity/Cross Reactivity	Human
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human NMNAT1 (NP_073624.2).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from LO2 cells, using NMNAT1 Rabbit pAb (AAA279421) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-NMNAT1 antibody	Background: This gene encodes an enzyme which catalyzes a key step in the biosynthesis of nicotinamide adenine dinucleotide (NAD). The encoded enzyme is one of several nicotinamide nucleotide adenyltransferases, and is specifically localized to the cell nucleus. Activity of this protein leads to the activation of a nuclear deacetylase that functions in the protection of damaged neurons. Mutations in this gene have been associated with Leber congenital amaurosis 9. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are located on chromosomes 1, 3, 4, 14, and 15.
Product Categories/Family for anti-NMNAT1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	30580491
NCBI GeneID	64802
UniProt Accession #	Q9HAN9; Q8TAE9; Q9H247; Q9H6B6; B1AN63
Molecular Weight	Observed MW: 32kDa Calculated MW: 32kDa
NCBI Official Full Name	Nicotinamide mononucleotide adenyltransferase 1
NCBI Official Synonym Full Names	nicotinamide nucleotide adenyltransferase 1
NCBI Official Symbol	NMNAT1
NCBI Official Synonym Symbols	LCA9; NMNAT; PNAT1
NCBI Protein Information	nicotinamide mononucleotide adenyltransferase 1; NMN adenyltransferase 1; NaMN adenyltransferase 1; pyridine nucleotide adenyltransferase 1; nicotinate-nucleotide adenyltransferase 1
UniProt Protein Name	Nicotinamide mononucleotide adenyltransferase 1
UniProt Gene Name	NMNAT1
UniProt Synonym Gene Names	NMNAT; NMN adenyltransferase 1; NaMN adenyltransferase 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.