

ARG67277 anti-NMNAT2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NMNAT2
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Specificity	This antibody detects endogenous levels of human NMNAT2.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NMNAT2
Species	Human
Immunogen	Synthetic peptide within a.a. 218-268 of human NMNAT2.
Conjugation	Un-conjugated
Alternate Names	NMNAT2; Nicotinamide Nucleotide Adenylyltransferase 2; KIAA0479; C1orf15; PNAT2; Nicotinamide/Nicotinic Acid Mononucleotide Adenylyltransferase 2; Nicotinamide Mononucleotide Adenylyltransferase 2; Nicotinate-Nucleotide Adenylyltransferase 2; NMN/NaMN Adenylyltransferase 2; NaMN Adenylyltransferase 2; NMN Adenylyltransferase 2; Pyridine Nucleotide Adenylyltransferase 2; Chromosome 1 Open Reading Frame 15; EC 2.7.7.18; EC

Application Instructions

Application table	Application	Dilution
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	PBS, 0.02% sodium azide, 50% glycerol and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	50% glycerol and 0.5% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	NMNAT2
Gene Full Name	Nicotinamide Nucleotide Adenylyltransferase 2
Background	This gene product belongs to the nicotinamide mononucleotide adenylyltransferase (NMNAT) enzyme family, members of which catalyze an essential step in NAD (NADP) biosynthetic pathway. Unlike the other human family member, which is localized to the nucleus, and is ubiquitously expressed; this enzyme is cytoplasmic, and is predominantly expressed in the brain. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Nicotinamide/nicotinate-nucleotide adenylyltransferase that acts as an axon maintenance factor (By similarity). [UniProt]
Calculated Mw	34 kDa
PTM	Lipoprotein; Palmitate; Ubl conjugation. [UniProt]
Cellular Localization	Cell projection; Cytoplasm; Cytoplasmic vesicle; Golgi apparatus; Membrane. [UniProt]