

ARG67278 anti-NMNAT3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NMNAT3
Tested Reactivity	Hu, Ms
Tested Application	WB
Specificity	This antibody detects endogenous levels of NMNAT3 at Human and Mouse.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NMNAT3
Species	Human
Immunogen	Synthetic peptide within a.a. 97-147 of human NMNAT3.
Conjugation	Un-conjugated
Alternate Names	NMNAT3; Nicotinamide Nucleotide Adenylyltransferase 3; PNAT3; Nicotinamide/Nicotinic Acid Mononucleotide Adenylyltransferase 3; Nicotinate-Nucleotide Adenylyltransferase 3; Pyridine Nucleotide Adenylyltransferase 3; NMN/NaMN Adenylyltransferase 3; NaMN Adenylyltransferase 3; NMN Adenylyltransferase 3; PNAT-3; Nicotinamide Mononucleotide Adenylyltransferase 3; Nicotinamide-Nucleotide Adenylyltransferase 3; EC 2.7.7.18; EC 2.7.7.1; FKSG76

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

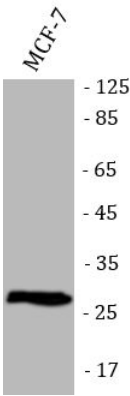
Properties

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	NMNAT3
Gene Full Name	Nicotinamide Nucleotide Adenylyltransferase 3
Background	This gene encodes a member of the nicotinamide/nicotinic acid mononucleotide adenylyltransferase family. These enzymes use ATP to catalyze the synthesis of nicotinamide adenine dinucleotide or nicotinic acid adenine dinucleotide from nicotinamide mononucleotide or nicotinic acid mononucleotide, respectively. The encoded protein is localized to mitochondria and may also play a neuroprotective role as a molecular chaperone. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]
Function	Catalyzes the formation of NAD+ from nicotinamide mononucleotide (NMN) and ATP. [UniProt]
Calculated Mw	28 kDa
Cellular Localization	Mitochondrion. [UniProt]

Images



ARG67278 anti-NMNAT3 antibody WB image

Western blot: MCF-7 stained with ARG67278 anti-NMNAT3 antibody.