

NMNAT2 rabbit monoclonal antibody

Catalog # H00023057-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NMNAT2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NMNAT2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NMNAT2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NMNAT2

Entrez GeneID	23057
GeneBank Accession#	NMNAT2
Gene Name	NMNAT2
Gene Alias	C1orf15, KIAA0479, MGC2756, PNAT-2, PNAT2
Gene Description	nicotinamide nucleotide adenyltransferase 2
Omim ID	608701
Gene Ontology	Hyperlink
Gene Summary	This gene product belongs to the nicotinamide mononucleotide adenyltransferase (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]
Other Designations	OTTHUMP00000033548 OTTHUMP00000033549 nicotinamide mononucleotide adenyltransferase 2 pyridine nucleotide adenyltransferase 2

Pathway

- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Tobacco Use Disorder](#)