NIPA1 rabbit monoclonal antibody

Catalog # H00123606-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NIPA1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NIPA1 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 NIPA1 peptide by ELISA and mammalian transfected lysate by We stern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

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- ELISA

Gene Info — NIPA1

Entrez GeneID	123606
GeneBank Accession#	NIPA1
Gene Name	NIPA1
Gene Alias	FSP3, MGC102724, MGC35570, SPG6
Gene Description	non imprinted in Prader-Willi/Angelman syndrome 1
Omim ID	600363 608145
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a magnesium transporter that associates with early endosomes and the cell surface in a variety of neuronal and epithelial cells. This protein may play a role in nervous system development and maintenance. Multiple transcript variants encoding different isoforms have been found for this gene. Mutations in this gene have been associated with autosomal dominant spastic paraplegia 6. [provided by RefSeq
Other Designations	non-imprinted in Prader-Willi/Angelman syndrome 1|spastic paraplegia 6 (autosomal dominant)

Disease

- Disease Progression
- Genetic Predisposition to Disease
- Multiple Sclerosis
- Spastic Paraplegia

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