FEZ1 rabbit monoclonal antibody

Catalog #   H00009638-K   Size   100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human FEZ1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human FEZ1 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 FEZ1 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 — FEZ1

Entrez GeneID	9638
GeneBank Accession#	FEZ1
Gene Name	FEZ1
Gene Alias	-
Gene Description	fasciculation and elongation protein zeta 1 (zygin I)
Omim ID	604825
Gene Ontology	Hyperlink
Gene Summary	This gene is an ortholog of the C. elegans unc-76 gene, which is necessary for normal axonal bundling and elongation within axon bundles. Expression of this gene in C. elegans unc-76 mutants can restore to the mutants partial locomotion and axonal fasciculation, suggesting that it also functions in axonal outgrowth. The N-terminal half of the gene product is highly acidic. Alternatively spliced transcript variants encoding different isoforms of this protein have been described. [provided by RefSeq
Other Designations	zygin 1

Disease

- Bipolar Disorder

- Genetic Predisposition to Disease

- Mental Disorders

- Neuropsychological Tests

- Postmortem Changes

- Schizophrenia