JPH3 rabbit monoclonal antibody

Catalog # H00057338-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human JPH3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human JPH3 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 JPH3 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 — JPH3

Entrez GeneID	57338
GeneBank Accession#	JPH3
Gene Name	JPH3
Gene Alias	CAGL237, FLJ44707, HDL2, JP-3, JP3, TNRC22
Gene Description	junctophilin 3
Omim ID	605268 606438
Gene Ontology	Hyperlink
Gene Summary	Junctional complexes between the plasma membrane and endoplasmic/sarcoplasmic reticulum a re a common feature of all excitable cell types and mediate cross talk between cell surface and int racellular ion channels. The protein encoded by this gene is a component of junctional complexes and is composed of a C-terminal hydrophobic segment spanning the endoplasmic/sarcoplasmic r eticulum membrane and a remaining cytoplasmic domain that shows specific affinity for the plasm a membrane. CAG/CTG repeat expansions at the Huntington's disease (HD)-like 2 locus have be en identified in this gene, which is a member of the junctophilin gene family. [provided by RefSeq
Other Designations	junctophilin type 3|trinucleotide repeat containing 22

Disease

- Cerebral Hemorrhage
- Chronic Disease
- Genetic Predisposition to Disease
- Huntington disease
- Hypertension
- Intracranial Hemorrhages
- Kidney Diseases
- Myoclonic Cerebellar Dyssynergia

- Spinocerebellar ataxia
- Spinocerebellar Ataxias
- Stroke
- Subarachnoid Hemorrhage
- Tobacco Use Disorder