

LGI1 rabbit monoclonal antibody

Catalog # H00009211-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LGI1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LGI1 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 LGI1 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 — LGI1

Entrez GeneID	9211
GeneBank Accession#	LGI1
Gene Name	LGI1
Gene Alias	EPITEMPIN, EPT, ETL1, IB1099
Gene Description	leucine-rich, glioma inactivated 1
Omim ID	137800 600512 604619
Gene Ontology	Hyperlink
Gene Summary	This gene is rearranged as a result of translocations in glioblastoma cell lines. The protein contains a hydrophobic segment representing a putative transmembrane domain with the amino terminus located outside the cell. It also contains leucine-rich repeats with conserved cysteine-rich flanking sequences. This gene is predominantly expressed in neural tissues and its expression is reduced in low grade brain tumors and significantly reduced or absent in malignant gliomas. Mutations in this gene result in autosomal dominant lateral temporal epilepsy. [provided by RefSeq]
Other Designations	OTTHUMP00000020121 epilepsy, partial

Disease

- [Alzheimer Disease](#)
- [Depressive Disorder](#)
- [Epilepsies](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)