

DLGAP4 rabbit monoclonal antibody

Catalog # H00022839-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DLGAP4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DLGAP4 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 DLGAP4 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 — DLGAP4

Entrez GeneID	22839
GeneBank Accession#	DLGAP4
Gene Name	DLGAP4
Gene Alias	DAP4, KIAA0964, MGC131862, RP5-977B1.6, SAPAP4
Gene Description	discs, large (Drosophila) homolog-associated protein 4
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is a membrane-associated guanylate kinase found at the postsynaptic density in neuronal cells. It is a signaling molecule that can interact with potassium channels and receptors, as well as other signaling molecules. The protein encoded by this gene can interact with PSD-95 through its guanylate kinase domain and may be involved in clustering PSD-95 in the postsynaptic density region. The encoded protein is one of at least four similar proteins that have been found. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000030861 OTTHUMP00000030863 PSD-95/SAP90 binding protein 4 SAP90/PSD-95-associated protein 4 disks large associated protein 4 disks large-associated protein 4

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)