

LPAR4 rabbit monoclonal antibody

Catalog # H00002846-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LPAR4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LPAR4 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 LPAR4 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 — LPAR4

Entrez GeneID	2846
GeneBank Accession#	LPAR4
Gene Name	LPAR4
Gene Alias	GPR23, LPA4, P2RY9, P2Y5-LIKE, P2Y9
Gene Description	lysophosphatidic acid receptor 4
Omim ID	300086
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the lysophosphatidic acid receptor family. It may also be related to the P2Y receptors, a family of receptors that bind purine and pyrimidine nucleotides and are coupled to G proteins. The encoded protein may play a role in monocytic differentiation. [provided by RefSeq]
Other Designations	G protein-coupled receptor 23

Pathway

- [Neuroactive ligand-receptor interaction](#)