

LPAR2 rabbit monoclonal antibody

Catalog # H00009170-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LPAR2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LPAR2 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 LPAR2 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 — LPAR2

Entrez GeneID	9170
GeneBank Accession#	LPAR2
Gene Name	LPAR2
Gene Alias	EDG-4, EDG4, FLJ93869, LPA2
Gene Description	lysophosphatidic acid receptor 2
Omim ID	605110
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of family I of the G protein-coupled receptors, as well as the EDG family of proteins. This protein functions as a lysophosphatidic acid (LPA) receptor and contributes to Ca ²⁺ mobilization, a critical cellular response to LPA in cells, through association with Gi and Gq proteins. An alternative splice variant has been described but its full length sequence has not been determined. [provided by RefSeq]
Other Designations	G protein-coupled receptor LPA receptor EDG4 endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4 lysophosphatidic acid receptor EDG4

Pathway

- [Neuroactive ligand-receptor interaction](#)