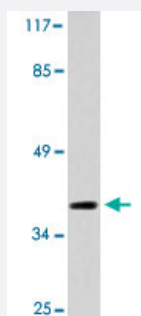


LPAR2 polyclonal antibody

Catalog # PAB26955 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of COS-7 cell lysate with LPAR2 polyclonal antibody (Cat # PAB26955).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LPAR2.
Immunogen	A synthetic peptide corresponding to human LPAR2.
Host	Rabbit
Theoretical MW (kDa)	39
Reactivity	Human, Mouse
Specificity	LPAR2 polyclonal antibody detects endogenous levels of LPAR2 protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of COS-7 cell lysate with LPAR2 polyclonal antibody (Cat # PAB26955).

- Immunofluorescence

Gene Info — LPAR2

Entrez GeneID[9170](#)**Protein Accession#**[Q9HBW0](#)**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 Ca²⁺ 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](#)