

LPAR4 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15143**Specification**

LPAR4 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q99677
Other Accession	NM_005296 , NP_005287
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa kDa

LPAR4 antibody - C-terminal region - Additional Information**Gene ID 2846**

Alias Symbol **GPR23, LPA4, P2RY9, P2Y5-LIKE, P2Y9**

Other Names

Lysophosphatidic acid receptor 4, LPA receptor 4, LPA-4, G-protein coupled receptor 23, P2Y purinoceptor 9, P2Y9, P2Y5-like receptor, Purinergic receptor 9, LPAR4, GPR23, LPA4, P2RY9

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-LPAR4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LPAR4 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LPAR4 antibody - C-terminal region - Protein Information

Name LPAR4

Synonyms GPR23, LPA4, P2RY9

Function

Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. Transduces a signal by increasing the intracellular calcium ions and by stimulating adenylyl cyclase activity. The rank order of potency for agonists of this receptor is 1- oleoyl- > 1-stearoyl- > 1-palmitoyl- > 1-myristoyl- > 1-alkyl- > 1- alkenyl-LPA.

Cellular Location

Cell membrane; Multi-pass membrane protein.

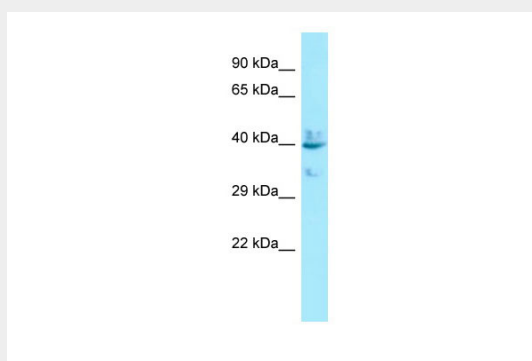
Tissue Location

High expression in ovary. Not detected in the brain regions thalamus, putamen, caudate, frontal cortex, pons, hypothalamus and hippocampus.

LPAR4 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LPAR4 antibody - C-terminal region - Images

WB Suggested Anti-LPAR4 Antibody Titration: 1.0 µg/ml
Positive Control: 293T Whole Cell

LPAR4 antibody - C-terminal region - References

O'Dowd B.F., et al. Gene 187:75-81(1997).
Bohm S.K., et al. Submitted (JUL-1997) to the EMBL/GenBank/DDBJ databases.
Janssens R., et al. Biochem. Biophys. Res. Commun. 236:106-112(1997).
Kopatz S.A., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).