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LPAR4 / GPR23 Antibody (Cytoplasmic Domain)

Rabbit Polyclonal Antibody
Catalog # ALS10191

Specification

LPAR4 / GPR23 Antibody (Cytoplasmic Domain) - Product Information

Application	**IHC**
Primary Accession	Q99677
Reactivity	**Human, Mouse, Rabbit, Hamster, Monkey, Horse, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**42kDa KDa**

LPAR4 / GPR23 Antibody (Cytoplasmic Domain) - Additional Information

Gene ID 2846

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

Target/Specificity
Human LPAR4 / GPR23. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
LPAR4 / GPR23 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

LPAR4 / GPR23 Antibody (Cytoplasmic Domain) - 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.

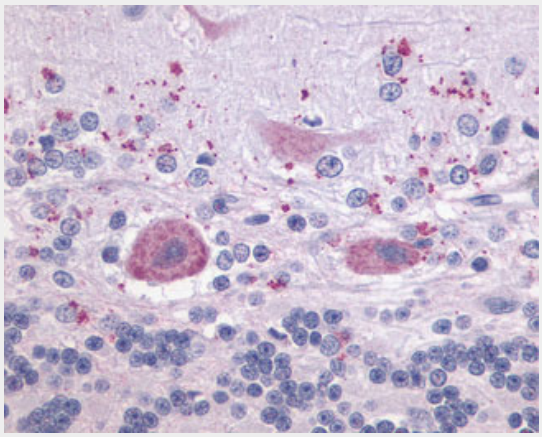
Volume
50 µl

LPAR4 / GPR23 Antibody (Cytoplasmic Domain) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LPAR4 / GPR23 Antibody (Cytoplasmic Domain) - Images



Anti-LPAR4 / GPR23 antibody IHC of human brain, cerebellum.

LPAR4 / GPR23 Antibody (Cytoplasmic Domain) - Background

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LPAR4 / GPR23 Antibody (Cytoplasmic Domain) - References

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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).