10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LPAR3 / LPA3 / EDG7 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS10243

Specification

LPAR3 / LPA3 / EDG7 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	Q9UBY5
Reactivity	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**40kDa KDa**

LPAR3 / LPA3 / EDG7 Antibody (Internal) - Additional Information

Gene ID 23566

Other Names
Lysophosphatidic acid receptor 3, LPA receptor 3, LPA-3, Lysophosphatidic acid receptor Edg-7, LPAR3, EDG7, LPA3

Target/Specificity
Human EDG7. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

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

Precautions
LPAR3 / LPA3 / EDG7 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

LPAR3 / LPA3 / EDG7 Antibody (Internal) - Protein Information

Name LPAR3

Synonyms EDG7, LPA3

Function
Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. May play a role in the development of ovarian cancer. Seems to be coupled to the G(i)/G(o) and G(q) families of heteromeric G proteins.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
Most abundantly expressed in prostate, testes, pancreas, and heart, with moderate levels in lung

and ovary. No detectable expression in brain, placenta, liver, skeletal muscle, kidney, spleen, thymus, small intestine, colon, or peripheral blood leukocytes

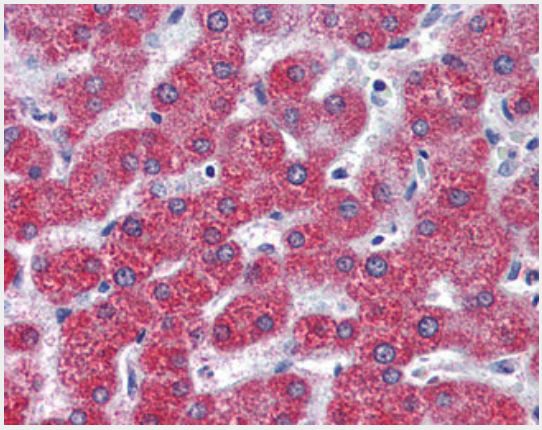
Volume
50 µl

LPAR3 / LPA3 / EDG7 Antibody (Internal) - Protocols

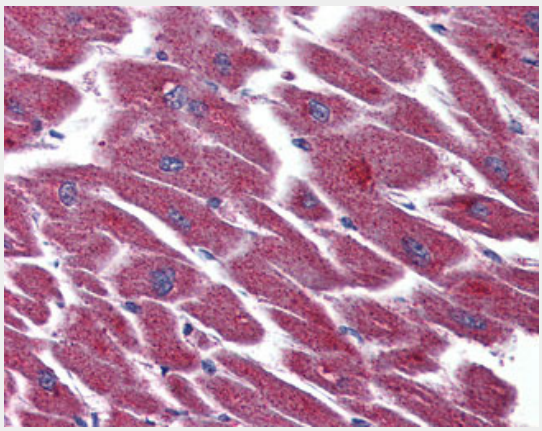
Provided below are standard protocols that you may find useful for product applications.

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

LPAR3 / LPA3 / EDG7 Antibody (Internal) - Images



Anti-EDG7 antibody ALS10243 IHC of human liver.



Anti-EDG7 antibody ALS10243 IHC of human heart.

LPAR3 / LPA3 / EDG7 Antibody (Internal) - Background

Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. May play a role in the development of ovarian cancer. Seems to be coupled to the G(i)/G(o) and G(q) families of heteromeric G proteins.

LPAR3 / LPA3 / EDG7 Antibody (Internal) - References

Bandoh K.,et al.J. Biol. Chem. 274:27776-27785(1999).
Im D.-S.,et al.Mol. Pharmacol. 57:753-759(2000).
Kopatz S.A.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
Contos J.J.A.,et al.Mol. Pharmacol. 58:1188-1196(2000).