

LPAR3 / LPA3 / EDG7 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10244**Specification**

LPAR3 / LPA3 / EDG7 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	Q9UBY5
Reactivity	Human, Mouse, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa
Dilution	IHC-P~~N/A

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

LPAR3 / LPA3 / EDG7 Antibody (Cytoplasmic Domain) - 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

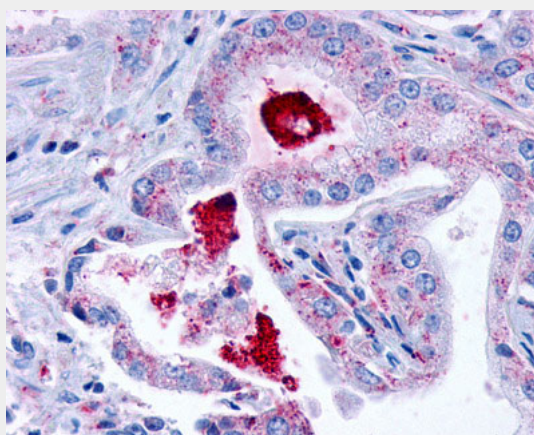
Volume
50 µl

LPAR3 / LPA3 / EDG7 Antibody (Cytoplasmic Domain) - Protocols

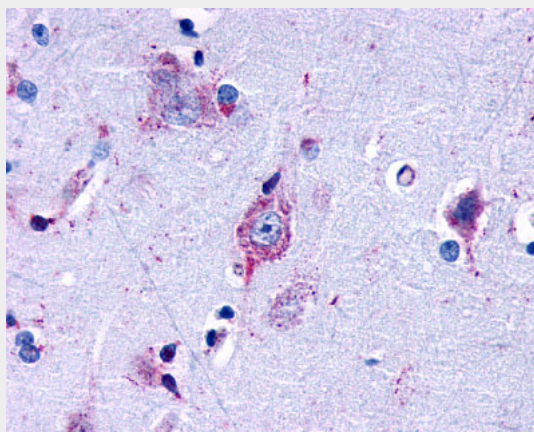
Provided below are standard protocols that you may find useful for product applications.

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

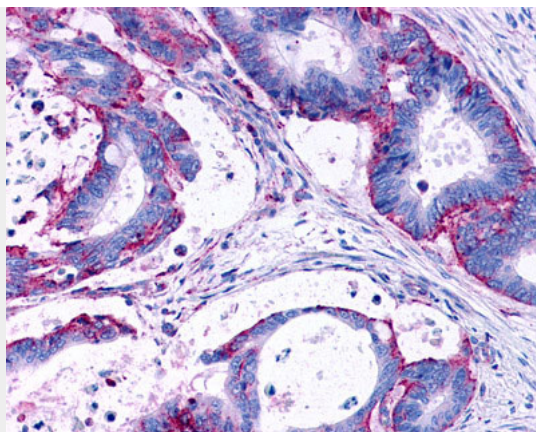
LPAR3 / LPA3 / EDG7 Antibody (Cytoplasmic Domain) - Images



Anti-LPAR3 / LPA3 / EDG7 antibody IHC of human Prostate, Carcinoma.



Anti-EDG7 antibody ALS10244 IHC of human brain, amygdala.



Anti-LPAR3 / LPA3 / EDG7 antibody IHC of human Colon, Carcinoma.

LPAR3 / LPA3 / EDG7 Antibody (Cytoplasmic Domain) - 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 (Cytoplasmic Domain) - 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).