

EDG7 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51321**Specification**

EDG7 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UBY5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40 KDa

EDG7 Antibody - Additional Information**Gene ID** 23566**Other Names**

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

Dilution

WB~~1:1000

IHC-P~~N/A

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

EDG7 Antibody - 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

EDG7 Antibody - 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](#)

EDG7 Antibody - Images

EDG7 Antibody - 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.

EDG7 Antibody - 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).