

EDG7 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51321

Product Information

Application	WB, IHC-P
Primary Accession	Q9UBY5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40128

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
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

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

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.

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.
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