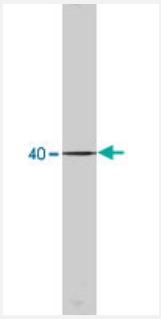
LPAR3 polyclonal antibody

Catalog # PAB10127 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis using LPAR3 polyclonal antibody (Cat # PAB10127) on McA-RH7777 cell lysates transfected with full length human LPAR3.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LPAR3.
Immunogen	A synthetic peptide corresponding to C-terminus of human LPAR3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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Gene Info — LPAR3

Entrez GeneID	23566
Gene Name	LPAR3
Gene Alias	EDG7, Edg-7, FLJ98231, GPCR, HOFNH30, LP-A3, LPA3, RP4-678I3
Gene Description	lysophosphatidic acid receptor 3
Omim ID	605106
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the G protein-coupled receptor family, as well as the EDG family of proteins. This protein functions as a cellular receptor for lysophosphatidic acid and mediates ly sophosphatidic acid-evoked calcium mobilization. This receptor couples predominantly to G(q/11) alpha proteins. [provided by RefSeq
Other Designations	LPA receptor EDG7|OTTHUMP00000011573|calcium-mobilizing lysophosphatidic acid receptor LP-A3|endothelial cell differentiation gene 7|endothelial differentiation, lysophosphatidic acid G-pr otein-coupled receptor, 7

Publication Reference

- Molecular cloning and characterization of a lysophosphatidic acid receptor, Edg-7, expressed in prostate.

  Im DS, Heise CE, Harding MA, George SR, O'Dowd BF, Theodorescu D, Lynch KR.

  Molecular Pharmacology 2000 Apr; 57(4):753.

- Lysophospholipid growth factors in the initiation, progression, metastases, and management of ovarian cancer.

  Fang X, Gaudette D, Furui T, Mao M, Estrella V, Eder A, Pustilnik T, Sasagawa T, Lapushin R, Yu S, Jaffe RB, Wiener JR, Erickson JR, Mills GB.

  Annals of the New York Academy of Sciences 2000 Apr; 905:188.

- Molecular cloning and characterization of a novel human G-protein-coupled receptor, EDG7, for lysophosphatidic acid.

  Bandoh K, Aoki J, Hosono H, Kobayashi S, Kobayashi T, Murakami-Murofushi K, Tsujimoto M, Arai H, Inoue K.

  The Journal of Biological Chemistry 1999 Sep; 274(39):27776.

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Diabetes Mellitus
- Genetic Predisposition to Disease