

DNAPab

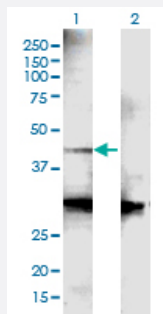
Hard-to-Find
Antibody

LPAR1 DNAPab

Catalog # H00001902-W01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of LPAR1 expression in transfected 293T cell line by LPAR1 DNAPab polyclonal antibody.

Lane 1: LPAR1 transfected lysate(41.1 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a partial-length human LPAR1 DNA using DNAX™ Immune technology.

Technology

[DNAX™ Immune](#)

Immunogen

LPAR1 (NP_001392.2, 1 a.a. ~ 294 a.a) partial-length human DNA

Sequence

MAAISTIPVISQPQFTAMNEPQCFYNESIAFFYNRSGKHLATEWNTVSKLVMGLGITVCIFIMLANLL
VMVAIYNRRHFHPIYLMANLAAADFFAGLAYFYLMFNTGPNTRRLTVSTWLLRQGLIDTSLTASV
ANLLAIAIERHITVFRMQLHTRMSNRRVVVVVVIWMTAIVMGAIPSVGWNCICDIENCSNMAPLYSD
SYLVFWAIFNLVTFVVMVLYAHIFGYVRQRTMRMSRHSSGPRRNRDTMMSLLKTVVVLGAFIICW
TPGLVLLLLLDVCCPQCDVLAYEK

Host

Rabbit

Reactivity

Human

Purification

Protein A

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — LPAR1

Entrez GeneID [1902](#)

GeneBank Accession# [NM_001401.3](#)

Protein Accession# [NP_001392.2](#)

Gene Name LPAR1

Gene Alias EDG2, GPR26, Gpcr26, LPA1, Mrec1.3, VZG1, edg-2, rec.1.3, vzg-1

Gene Description lysophosphatidic acid receptor 1

Omim ID [602282](#)

Gene Ontology [Hyperlink](#)

Gene Summary The integral membrane protein encoded by this gene is a lysophosphatidic acid (LPA) receptor from a group known as EDG receptors. These receptors are members of the G protein-coupled receptor superfamily. Utilized by LPA for cell signaling, EDG receptors mediate diverse biologic functions, including proliferation, platelet aggregation, smooth muscle contraction, inhibition of neuroblastoma cell differentiation, chemotaxis, and tumor cell invasion. Two transcript variants encoding the same protein have been identified for this gene [provided by RefSeq]

Other Designations OTTHUMP00000021903|OTTHUMP00000021904|OTTHUMP00000021905|endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 2|ventricular zone gene 1

Pathway

- [Gap junction](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Osteoarthritis](#)