

Rabbit anti-Human, Rat LPAR1 / LPA1 / EDG2 Polyclonal Antibody | anti-LPAR1 antibody

Rabbit Polyclonal (IgG) to Human LPAR1 / LPA1 / EDG2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51646	Rabbit	Human, Rat	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

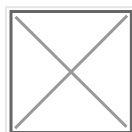
PRODUCT SYNONYMS

LPAR1 / LPA1 / EDG2; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human LPAR1 / LPA1 / EDG2; Anti-LPAR1 / LPA1 / EDG2 Antibody (aa5-54) IHC-plus; LPAR1; EDG-2; EDG2; Gpcr26; Rec.1.3; Vzq-1; Ventricular zone gene 1; LPA receptor 1; LPA-1; LPA1; Mrec1.3; VZG1; Human LPAR1; anti-LPAR1 antibody

PRODUCT SPECIFICATIONS

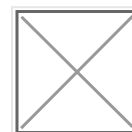
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LPAR1/EDG2 Antibody detects endogenous levels of total LPAR1/EDG2 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	364
Applicable Applications for anti-LPAR1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human EDG2 (aa5-54).
Immunogen	LPAR1 / LPA1 / EDG2 antibody was raised against synthetic peptide from human EDG2 (aa5-54).
Antigen Modification	aa5-54
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



WB (Western Blot)

Western blot of extracts from Jurkat cells, using LPAR1/EDG2 Antibody. The lane on the right is treated with the synthesized peptide.



IF (Immunofluorescence)

Immunofluorescence of MCF7 cells, using LPAR1/EDG2 Antibody. The picture on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)

Anti-EDG2 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-LPAR1 antibody	EDG2, a Lysophospholipid/Lysosphingolipid Receptor, mediates growth factor-like activities such as proliferation, platelet aggregation, and chemotaxis. EDG2 is involved in myelin formation or maintenance. It is activated by platelet-derived lysophosphatidic acid (LPA), a lipid metabolite present in serum that acts ubiquitously. Although alternate translation start codons and polyadenylation sites have been reported, the alternative splicing transcripts each encode identical proteins.
Product Categories/Family for anti-LPAR1 antibody	Family: GPCR; Subfamily: Lysophospholipid/Lysosphingolipid

NCBI AND UNIPROT INFORMATION

NCBI GI #	16950636
NCBI GeneID	1902
NCBI Accession #	NP_001392.2
NCBI GenBank Nucleotide #	NM_001401.3
UniProt Accession #	Q92633; O00656; O00722; P78351; B4DK36
Molecular Weight	41,346 Da
NCBI Official Full Name	lysophosphatidic acid receptor 1
NCBI Official Synonym Full Names	lysophosphatidic acid receptor 1
NCBI Official Symbol	LPAR1
NCBI Official Synonym Symbols	EDG2; LPA1; VZG1; GPR26; edg-2; vzg-1; Gpcr26; Mrec1.3; rec.1.3
NCBI Protein Information	lysophosphatidic acid receptor 1; LPA-1; LPA receptor 1; ventricular zone gene 1; lysophosphatidic acid receptor Edg-2; endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 2
UniProt Protein Name	Lysophosphatidic acid receptor 1
UniProt Gene Name	LPAR1
UniProt Synonym Gene Names	EDG2; LPA1; LPA receptor 1; LPA-1
UniProt Entry Name	LPAR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lpar1-lpa1-edg2-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/51646>