

Rabbit anti-Human, Mouse LPAR4 Polyclonal Antibody | anti-LPAR4 antibody

LPAR4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230115	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

LPAR4; Polyclonal Antibody; LPAR4 Antibody; Lysophosphatidic acid receptor 4; LPA receptor 4; LPA-4; G-protein coupled receptor 23; P2Y purinoceptor 9; P2Y9; P2Y5-like receptor; Purinergic receptor 9; GPR23; LPA4; P2RY9; anti-LPAR4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	370
Applicable Applications for anti-LPAR4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Lysophosphatidic acid receptor 4 protein (1-43AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Immunogen Species	Human
Research Area	Neuroscience
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46021 / sc-46022 / sc-46023
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA230115 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)

Western blotAll lanes: LPAR4 antibody at 4ug/ml+Mouse kidney tissueGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 42 kDaObserved band size: 42 kDa



IHC (Immunohistochemistry)

IHC image of AAA230115 diluted at 1:200 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-LPAR4 antibody	Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. Transduces a signal by increasing the intracellular calcium ions and by stimulating adenylyl cyclase activity. The rank order of potency for agonists of this receptor is 1-oleoyl- > 1-stearoyl- > 1-palmitoyl- > 1-myristoyl- > 1-alkyl- > 1-alkenyl-LPA.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	487439767
NCBI GeneID	2846
NCBI Accession #	NP_001264929.1
NCBI GenBank Nucleotide #	NM_001278000.1
UniProt Accession #	Q99677; O15132; Q502U9; Q6NSP5; B2RAC7
NCBI Official Full Name	lysophosphatidic acid receptor 4
NCBI Official Synonym Full Names	lysophosphatidic acid receptor 4
NCBI Official Symbol	LPAR4
NCBI Official Synonym Symbols	LPA4; P2Y9; GPR23; P2RY9; P2Y5-LIKE
NCBI Protein Information	lysophosphatidic acid receptor 4
UniProt Protein Name	Lysophosphatidic acid receptor 4
UniProt Gene Name	LPAR4
UniProt Synonym Gene Names	GPR23; LPA4; P2RY9; LPA receptor 4; LPA-4; P2Y9
UniProt Entry Name	LPAR4_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/lpar4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/230115>