

Rabbit LPAR4 / GPR23 Polyclonal Antibody | anti-LPAR4 antibody

Rabbit Polyclonal to Human LPAR4 / GPR23

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52083	Rabbit	Bat, Gibbon, Gorilla, Hamster, Human, Monkey, Mouse, Rat Predicted Reactivity: Bovine, Dog, Horse, Pig, Rabbit (at least 90% immunogen sequence identity)	Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

LPAR4 / GPR23; Polyclonal Antibody; Rabbit Polyclonal to Human LPAR4 / GPR23; Anti-LPAR4 / GPR23 Antibody (N-Terminus) IHC-plus; LPAR4; G-protein coupled receptor 23; LPA-4; p2RY9; p2Y5-LIKE; p2Y purinoceptor 9; p2Y5-like receptor; p2Y9; G protein-coupled receptor 23; GPR23; LPA receptor 4; LPA4; Purinergic receptor 9; Human LPAR4; anti-LPAR4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Gorilla, Hamster, Human, Monkey, Mouse, Rat Predicted Reactivity: Bovine, Dog, Horse, Pig, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human LPAR4 / GPR23. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	370
Applicable Applications for anti-LPAR4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from N-terminal extracellular domain of human LPAR4 / GPR23. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bat, Hamster (100%).
Immunogen Type	Synthetic peptide
Immunogen	LPAR4 / GPR23 antibody was raised against synthetic 19 amino acid peptide from N-terminal extracellular domain of human LPAR4 / GPR23. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bat, Hamster (100%); Dog, Bovine, Elephant, Panda, Rabbit, Horse, Pig (95%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-LPAR4 / GPR23 antibody IHC of human brain neuron. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-LPAR4 / GPR23 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-LPAR4 / GPR23 antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-LPAR4 antibody	GPR23 has been identified as a Lysophospholipid/Lysosphingolipid Receptor.
Product Categories/Family for anti-LPAR4 antibody	Family: GPCR; Subfamily: Lysophospholipid/Lysosphingolipid

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885311
NCBI GeneID	2846
NCBI Accession #	NP_005287.1
NCBI GenBank Nucleotide #	NM_005296.2
UniProt Accession #	Q99677; O15132; Q502U9; Q6NSP5; B2RAC7
Molecular Weight	41,895 Da
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; LPA-4; LPA receptor 4; P2Y purinoceptor 9; P2Y5-like receptor; purinergic receptor 9; G protein-coupled receptor 23; G-protein coupled receptor 23
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.