

Rabbit anti-Human EDG7 Polyclonal Antibody | anti-EDG7 antibody

EDG7 Antibody

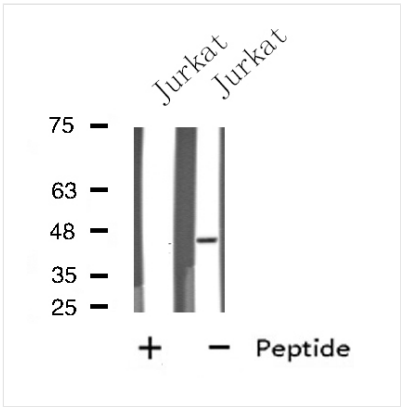
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325538	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

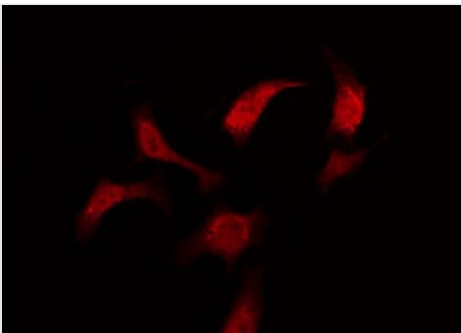
EDG7; Polyclonal Antibody; EDG7 Antibody; Calcium mobilizing lysophosphatidic acid receptor LP A3; Calcium mobilizing lysophosphatidic acid receptor LPA 3; Calcium mobilizing lysophosphatidic acid receptor LPA3; EDG 7; Endothelial cell differentiation gene 7; Endothelial differentiation lysophosphatidic acid G protein coupled receptor 7; FLJ98231; GPCR; HOFNH 30; HOFNH30; LP A3; LPA 3; LPA receptor 3; LPA receptor EDG 7; LPA receptor EDG7; LPA-3; LPA3; LPAR 3; Lpar3; LPAR3_HUMAN; Lysophosphatidic acid receptor 3; Lysophosphatidic acid receptor Edg 7; Lysophosphatidic acid receptor Edg-7; Lysophosphatidic acid receptor Edg7; OTTHUMP00000011573; RP4 678I3; RP4678I3; anti-EDG7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	EDG7 antibody detects endogenous levels of total EDG7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	353
Applicable Applications for anti-EDG7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Most abundantly expressed in prostate, testes, pancreas, and heart, with moderate levels in lung and ovary. No detectable expression in brain, placenta, liver, skeletal muscle, kidney, spleen, thymus, small intestine, colon, or peripheral blood leukocytes.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using EDG7 antibody.



IF (Immunofluorescence)
AAA325538 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EDG7 antibody	Function: Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. May play a role in the development of ovarian cancer. Seems to be coupled to the G(i)/G(o) and G(q) families of heteromeric G proteins. Similarity: Belongs to the G-protein coupled receptor 1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6912348
NCBI GeneID	23566
NCBI Accession #	NP_036284.1
NCBI GenBank Nucleotide #	NM_012152.2
UniProt Accession #	Q9UBY5; A0AVA3
Molecular Weight	Observed: 47 kD Predicted: 41 kDa
NCBI Official Full Name	lysophosphatidic acid receptor 3
NCBI Official Synonym Full Names	lysophosphatidic acid receptor 3
NCBI Official Symbol	LPAR3
NCBI Official Synonym Symbols	EDG7; GPCR; LPA3; Edg-7; LP-A3; HOFNH30; RP4-678I3
NCBI Protein Information	lysophosphatidic acid receptor 3
UniProt Protein Name	Lysophosphatidic acid receptor 3
UniProt Gene Name	LPAR3
UniProt Synonym Gene Names	EDG7; LPA3; LPA receptor 3; LPA-3

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.