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Anti-EDG7 Antibody

Rabbit polyclonal antibody to EDG7
Catalog # AP60097

Product Information

Application	WB
Primary Accession	Q9UBY5
Other Accession	Q9EQ31
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40128

Additional Information

Gene ID	23566
Other Names	EDG7; LPA3; Lysophosphatidic acid receptor 3; LPA receptor 3; LPA-3; Lysophosphatidic acid receptor Edg-7
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EDG7. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

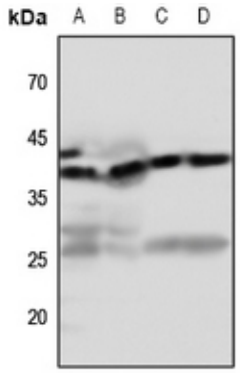
Protein Information

Name	LPAR3
Synonyms	EDG7, LPA3
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.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	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

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EDG7. The exact sequence is proprietary.

Images



Western blot analysis of EDG7 expression in mouse muscle (A), rat muscle (B), mouse heart (C), rat heart (D) whole cell lysates.