10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-EDG7 Antibody

Rabbit polyclonal antibody to EDG7

Catalog # AP60097

Specification

Anti-EDG7 Antibody - Product Information

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

Anti-EDG7 Antibody - 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
Recognizes endogenous levels of EDG7 protein.

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

Anti-EDG7 Antibody - 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.

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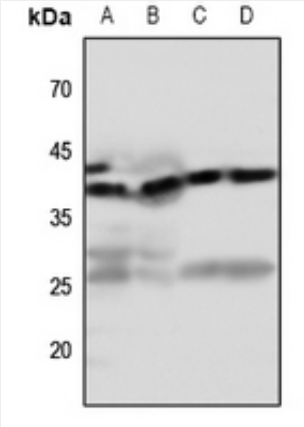
Tissue Location
Most abundantly expressed in prostate, testes, pancreas, and heart, with moderate levels in lung and ovary. No detectable expression in brain, placenta, liver, skeletal muscle, kidney, spleen, thymus, small intestine, colon, or peripheral blood leukocytes

Anti-EDG7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-EDG7 Antibody - Images



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

Anti-EDG7 Antibody - Background

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