

Anti-EDG7 Antibody

Rabbit polyclonal antibody to EDG7 Catalog # AP60097

Specification

Anti-EDG7 Antibody - Product Information

Application WB
Primary Accession Q9UBY5
Other Accession Q9EO31
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

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

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.

Tissue Location

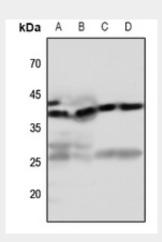
Most abundantly expressed in prostate, testes, pancreas, and heart, with moderate levels in lung and ovary. No detectable expression in brain, placenta, liver, skeletal muscle, kidney, spleen, thymus, small intestine, colon, or peripheral blood leukocytes

Anti-EDG7 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- 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

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