

PLCB1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 139kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PLCB1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

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Synonym:

PLC-I; EIEE12; PI-PLC; PLC154; PLCB1A; PLCB1B; PLC-154;

Catalog #: A1971

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 23236

Isotype: IgG

Swiss Prot: Q9NQ66

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene catalyzes the formation of inositol 1,4,5-trisphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate. This reaction uses calcium as a cofactor and plays an important role in the intracellular transduction of many extracellular signals. This gene is activated by two G-protein alpha subunits, alpha-q and alpha-11. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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