

## 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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