

## PLCB1 Polyclonal Antibody

**Catalog Number:** E91971

**Amount:** 100ul

**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]

**Species:** Rabbit

**Isotype:** IgG

**Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonyms:** PLC-I; E1EE12; PI-PLC; PLC154; PLCB1A; PLCB1B; PLC-154;

**Immunogen:** Recombinant protein of human PLCB1

**Purification:** Affinity purification

**Reactivity:** H M R

**Applications:** WB IHC

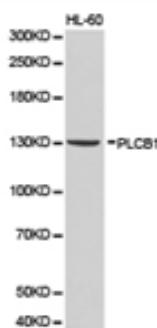
**Molecular Weight:** 139kDa

**Swiss-Prot No.:** Q9NQ66

**Gene ID:** 23236

WB 1:500 - 1:2000

IHC 1:50- 1:200



Western blot analysis of extracts of HL-60 cell lines, using PLCB1 antibody.