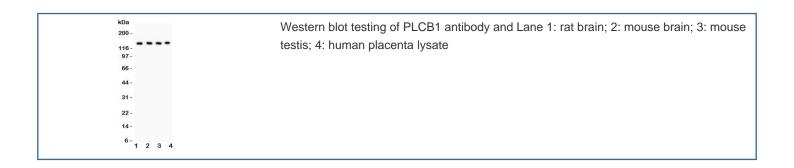


# PLCB1 Antibody / Phospholipase C-beta-1 (R31759)

Catalog No.	Formulation	Size
R31759	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	23236
Applications	Western Blot : 0.5-1ug/ml
Limitations	This PLCB1 antibody is available for research use only.



## **Description**

PLCB1 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.

#### **Application Notes**

The stated application concentrations are suggested starting amounts. Titration of the PLCB1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

Human partial recombinant protein (AA 888-1059) was used as the immunogen for this PLCB1 antibody.

### **Storage**

After reconstitution, the PLCB1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.