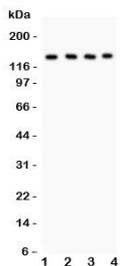


## PLCB1 Antibody / Phospholipase C-beta-1 (R31759)

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

[Bulk quote request](#)

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



Western blot testing of PLCB1 antibody and Lane 1: rat brain; 2: mouse brain; 3: mouse testis; 4: human placenta lysate

### 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.