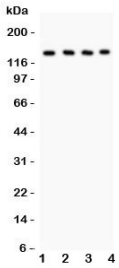
PLCB1 Antibody / Phospholipase C-beta-1 (R31759)

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
Host	Rabbit
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.



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

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