

Plcb1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13863**Specification**

Plcb1 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9Z1B3
Other Accession	NM_001145830 , NP_001139302
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	133kDa KDa

Plcb1 Antibody - C-terminal region - Additional Information**Gene ID** 18795**Alias Symbol** 3110043I21Rik, AI132408, Plcb, mKIAA0581**Other Names**

1-phosphatidylinositol 4, 5-bisphosphate phosphodiesterase beta-1, 3.1.4.11, PLC-154, Phosphoinositide phospholipase C-beta-1, Phospholipase C-beta-1, PLC-beta-1, Plcb1, Plcb

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Plcb1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Plcb1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Plcb1 Antibody - C-terminal region - Protein Information**Name** Plcb1 {ECO:0000312|MGI:MGI:97613}**Synonyms** Plcb**Function**

Catalyzes the hydrolysis of 1-phosphatidylinositol 4,5- bisphosphate into diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) and mediates intracellular signaling downstream of G protein-coupled receptors (PubMed:<a href="http://www.uniprot.org/citations/27653213"

target="_blank">27653213). Regulates the function of the endothelial barrier (PubMed:27653213).

Cellular Location

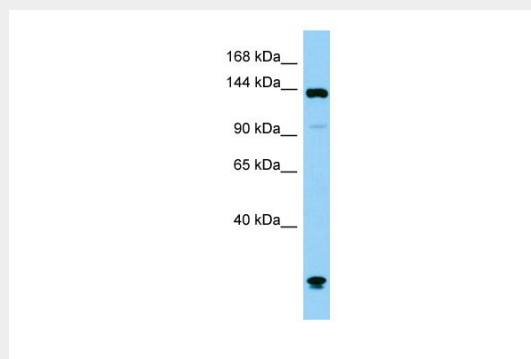
Nucleus membrane. Cytoplasm {ECO:0000250|UniProtKB:P10687}. Note=Colocalizes with the adrenergic receptors, ADREN1A and ADREN1B, at the nuclear membrane of cardiac myocytes.

Plcb1 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Plcb1 Antibody - C-terminal region - Images



Host: Rabbit

Target Name: Plcb1

Sample Tissue: Mouse Testis lysates

Antibody Dilution: 1.0µg/ml

Plcb1 Antibody - C-terminal region - References

Bai J.,et al.Submitted (JAN-1997) to the EMBL/GenBank/DDBJ databases.
Ehringer M.A.,et al.Mamm. Genome 12:657-663(2001).
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Watanabe M.,et al.Eur. J. Neurosci. 10:2016-2025(1998).
Dupont G.,et al.Biochem. J. 316:583-591(1996).