

Anti-Phospholipase C β 2 (PLC- β 2) Antibody
Our Anti-Phospholipase C β 2 (PLC- β 2) rabbit polyclonal primary antibody from PhosphoSolutions is pro
Catalog # AN1518

Specification

Anti-Phospholipase C β 2 (PLC- β 2) Antibody - Product Information

Primary Accession	Q00722
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	134024

Anti-Phospholipase C β 2 (PLC- β 2) Antibody - Additional Information

Gene ID **5330**

Other Names

1-phosphatidylinositol-4 antibody, 1-phosphatidylinositol-4 5-bisphosphate phosphodiesterase beta-2 antibody, 5-bisphosphate phosphodiesterase beta-2 antibody, FLJ38135 antibody, Phosphoinositide phospholipase C-beta-2 antibody, Phospholipase C-beta-2 antibody, PLC-beta-2 antibody, Plcb2 antibody, PLCB2_HUMAN antibody

Target/Specificity

Phospholipases are quite common enzymes that are present in a broad range of organisms, including bacteria, yeast, plants, animals, and viruses. Phospholipase C (PLC) constitutes a class of enzymes that cleave phospholipids on the diacylglycerol (DAG) side of the phosphodiester bond (Cocco et al., 2015). A growing body of evidence supports the role of phospholipase C (PLC) in the invasion and metastasis of different tumors, including breast cancer (Bertagnolo et al., 2006). PLC- β 2 has been shown to be required for sweet, umami and bitter taste perception in mammals (Zhang et al., 2003). Data also suggests that PLC- β 2 serves an unappreciated role assembling components of the p38MAPK signaling module (Barr et al., 2002).

Format

Antigen Affinity Purified from Pooled Serum

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-Phospholipase C β 2 (PLC- β 2) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

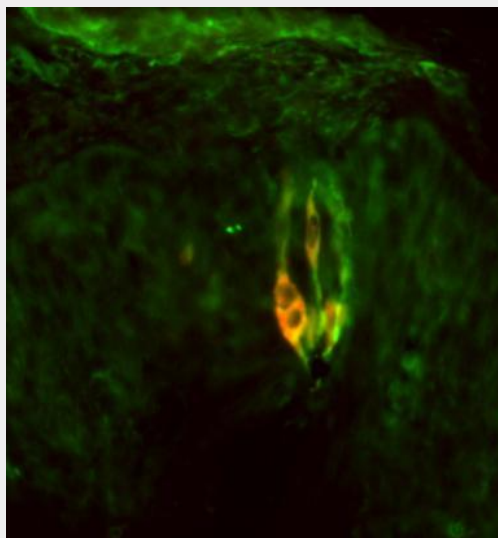
Blue Ice

Anti-Phospholipase C β 2 (PLC- β 2) Antibody - 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](#)

Anti-Phospholipase C β 2 (PLC- β 2) Antibody - Images



Immunostaining of human larynx taste bud showing specific labeling of PLC β 2 (red) and GNAT3 (green). Photo courtesy of Mei Li, University of Colorado-Anschutz MC.

Anti-Phospholipase C β 2 (PLC- β 2) Antibody - Background

Phospholipases are quite common enzymes that are present in a broad range of organisms, including bacteria, yeast, plants, animals, and viruses. Phospholipase C (PLC) constitutes a class of enzymes that cleave phospholipids on the diacylglycerol (DAG) side of the phosphodiester bond (Cocco et al., 2015). A growing body of evidence supports the role of phospholipase C (PLC) in the invasion and metastasis of different tumors, including breast cancer (Bertagnolo et al., 2006). PLC- β 2 has been shown to be required for sweet, umami and bitter taste perception in mammals (Zhang et al., 2003). Data also suggests that PLC- β 2 serves an unappreciated role assembling components of the p38MAPK signaling module (Barr et al., 2002).