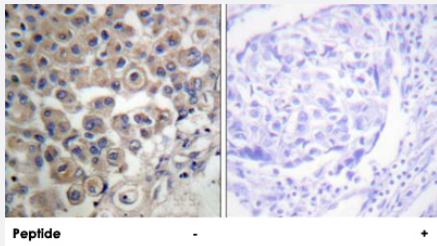


PLCB3 polyclonal antibody

Catalog # PAB17298

Size 100 ug

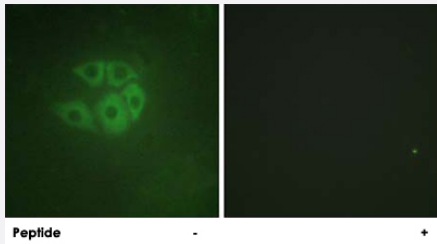
Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PLCB3 polyclonal antibody (Cat # PAB17298).

Peptide "+" means "with peptide blocking".



Immunofluorescence

Immunofluorescence analysis of A-549 cells, using PLCB3 polyclonal antibody (Cat # PAB17298).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PLCB3.
Immunogen	A synthetic peptide corresponding to internal of human PLCB3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of total PLCB3 protein.
Form	Liquid

Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PLCB3 polyclonal antibody (Cat # PAB17298).

Peptide "+" means "with peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of A-549 cells, using PLCB3 polyclonal antibody (Cat # PAB17298).

Peptide "+" means "with peptide blocking".

Gene Info — PLCB3

Entrez GeneID	5331
Protein Accession#	Q01970
Gene Name	PLCB3
Gene Alias	FLJ37084
Gene Description	phospholipase C, beta 3 (phosphatidylinositol-specific)
Omim ID	600230
Gene Ontology	Hyperlink
Gene Summary	PLCB3 plays an important role in initiating receptor-mediated signal transduction. Activation of PLC takes place in many cells as a response to stimulation by hormones, growth factors, neurotransmitters, and other ligands (Lagercrantz et al., 1995 [PubMed 7607669]).[supplied by OMIM]
Other Designations	-

Publication Reference

- [Global, in vivo, and site-specific phosphorylation dynamics in signaling networks.](#)

Olsen JV, Blagoev B, Gnäd F, Macek B, Kumar C, Mortensen P, Mann M.

Cell 2006 Nov; 127(3):635.

- [Large-scale characterization of HeLa cell nuclear phosphoproteins.](#)

Beausoleil SA, Jedrychowski M, Schwartz D, Elias JE, Villen J, Li J, Cohn MA, Cantley LC, Gygi SP.

PNAS 2004 Aug; 101(33):12130.

- [Structural organization and expression of the human phosphatidylinositol-specific phospholipase C beta-3 gene.](#)

Mazuruk K, Schoen TJ, Chader GJ, Rodriguez IR.

Biochemical and Biophysical Research Communications 1995 Jul; 212(1):190.

Application: WB-Ti, Human, Human tissues

Pathway

- [Calcium signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)
- [Inositol phosphate metabolism](#)
- [Long-term depression](#)
- [Long-term potentiation](#)
- [Melanogenesis](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)
- [Vascular smooth muscle contraction](#)
- [Wnt signaling pathway](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [HIV Infections](#)