



PLCγ1 (phospho-Ser1248) rabbit pAb

Catalog No BYab-02435 Isotype IgG Reactivity Human;Mouse Applications WB;IHC Gene Name PLCG1 PLC1 Protein Name PLCy1 (Ser1248) Immunogen Synthesized phosho peptide around human PLCy1 (Ser1248) Specificity This antibody detects endogenous levels of Human Mouse PLCy1 (phospho-Ser1248) Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms 1-phosphatidylinositol 4,5-bisphosphate phospholipase C-gamma-1 (EC 3.1-4.11) (PLC-148) (Phospholipase C-gamma-1) (PLC-gamma-1) Observed Band 150kD Cell Pathway Cultipojection, lamellipodium Cell projection, ruffle, Rapidly redistributed to ruffles and lamellipodia structures in response to epidermal growth factor (EGF) treatment. Tissue Specificity Brain, Epithelium, Testis, Vein,		
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Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658

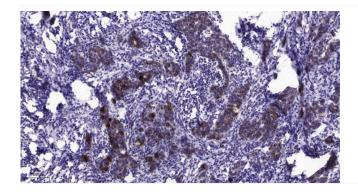


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	factor receptors and immune system receptors.,PTM:Ubiquitinated by CBLB in activated T-cells.,similarity:Contains 1 C2 domain.,similarity:Contains 1 EF-hand domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 PI-PLC X-box domain.,similarity:Contains 1 SH3 domain.,simil
Background	The protein encoded by this gene 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 receptor-mediated tyrosine kinase activators. For example, when activated by SRC, the encoded protein causes the Ras guanine nucleotide exchange factor RasGRP1 to translocate to the Golgi, where it activates Ras. Also, this protein has been shown to be a major substrate for heparin-binding growth factor 1 (acidic fibroblast growth factor)-activated tyrosine kinase. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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