

PLC gamma1(Phospho-Ser1248) Rabbit Polyclonal Antibody

Description

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| Product type | Primary Antibody |
| Code | BT-AP04182 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 100ul, 50ul, 20ul |
| Immunogen | Synthesized phosho peptide around human PLC γ 1 (Ser1248) |
| Mol wt | N/A |
| Species reactivity | Human, Mouse |
| Clonality | Polyclonal |
| Recommended application | WB |
| Concentration | 1 mg/ml |
| Full name | PLC γ 1 |
| Synonyms | PLC γ 1 ;Ser1248 ; 1-phosphatidylinositol 4; 5-bisphosphate phosphodiesterase gamma-1; EC 3.1.4.11; PLC-148; Phosphoinositide phospholipase C-gamma-1; Phospholipase C-II; PLC-II; Phospholipase C-gamma-1; PLC-gamma-1 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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