

## PLC gamma1(Phospho-Ser1248) Rabbit Polyclonal Antibody

### Description

|                                |  |
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| <b>Product type</b>            | Primary Antibody   |
| <b>Code</b>                    | BT-AP04182   |
| <b>Host</b>                    | Rabbit   |
| <b>Isotype</b>                 | IgG  |
| <b>Size</b>                    | 100ul, 50ul, 20ul  |
| <b>Immunogen</b>               | Synthesized phosho peptide around human PLC $\gamma$ 1 (Ser1248)   |
| <b>Mol wt</b>                  | N/A  |
| <b>Species reactivity</b>      | Human, Mouse   |
| <b>Clonality</b>               | Polyclonal   |
| <b>Recommended application</b> | WB   |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Full name</b>               | PLC $\gamma$ 1   |
| <b>Synonyms</b>                | PLC $\gamma$ 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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