



## PLC $\gamma$ 2 rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (kD): |
|--------------|---------|-----------------|---------------|
| A19983       | Rabbit  | 1 mg/ml         | 148 kD        |

|                       |   |
|-----------------------|---|
| Applications          | WB,IHC,ELISA  |
| Reactivity            | Human,Mouse,Rat   |
| Dilution              | WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.  |
| Storage               | -20°C/1 year  |
| Specificity           | Phospho-PLC $\gamma$ 2 (Y753) Polyclonal Antibody detects endogenous levels of PLC $\gamma$ 2 protein only when phosphorylated at Y753.   |
| Source / Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| Immunogen             | The antiserum was produced against synthesized peptide derived from human PLCG2 around the phosphorylation site of Tyr753. AA range:721-770   |
| Uniprot No            | P16885  |
| Alternative names     | PLCG2; 1-phosphatidylinositol 4; 5-bisphosphate phosphodiesterase gamma-2; Phosphoinositide phospholipase C-gamma-2; Phospholipase C-IV; PLC-IV; Phospholipase C-gamma-2; PLC-gamma-2   |
| Form                  | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Clonality             | Polyclonal  |
| Isotype               |   |
| Conjugation           |   |
| Background            | phospholipase C gamma 2(PLCG2) Homo sapiens The protein encoded by this gene is a transmembrane signaling enzyme that catalyzes the conversion of 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate to 1D-myo-inositol 1,4,5-trisphosphate (IP3) and diacylglycerol |
| Other                 | Gene_name: PLCG2 ; Protein_name: 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2; Expression: Lymph,Lymphoblast,Spleen,T-cell,  |

### Product Images

### Application Key:



W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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