

Product Datasheet

Phospho-PLCG2 (Tyr1217) Antibody

Catalog No: AY0335

Reactivity: Human:Y1217,Mouse:Y1217,Rat:Y1217

Isotype: Rabbit IgG

Applications: WB,IHC,IF



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Information

UniProt ID: P16885

All Names: 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 2, EC 3.1.4.11, PLC-IV, PLC-gamma2, Phospholipase C-gamma-2

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 148 kDa

Application

WB: 1:500~1:3000

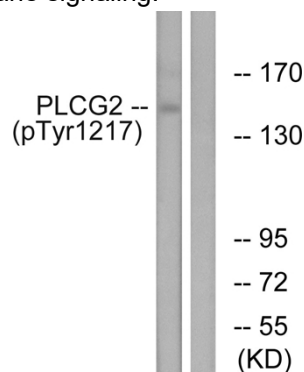
IHC: 1:50~1:100

IF: 1:100~1:500

ELISA: 1:1000

Background

The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. It is a crucial enzyme in transmembrane signaling.



Western blot analysis of extracts from Jurkat cells, treated with UV (15mins), using PLCG2 (Phospho-Tyr1217) antibody.

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