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35-1166: Polyclonal Antibody to PLC Gamma2 (Phospho-Tyr753)

Clonality : Polyclonal **Application :** WB,IF

Reactivity: Human, Mouse, Rat

Gene : PLCG2
Gene ID : 5336
Uniprot ID : P16885
Format : Purified

Alternative Name: PLC-IV, PLC-gamma2, Phospholipase C-gamma-2

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of tyrosine 753 (S-L-Y(p)-D-V) derived from

Human PLCg2.

Description

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.

Product Info

Amount : 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Predicted MW: 150kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

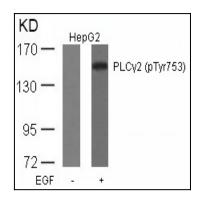


Figure 1: Western blot analysis of extracts from HepG2 cells untreated or treated with EGF using PLCq2(Phospho-Tyr753) Antibody 35-1166.



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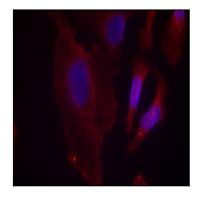


Figure 2: Immunofluorescence staining of methanol-fixed Hela cells using PLCg2(Phospho-Tyr753) Antibody 35-1166 .