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35-1736: Polyclonal Antibody to PLC- Gamma2 (Ab-1217)

Clonality: Polyclonal Application: IHC,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 aa.1215~1219 (F-L-Y-D-T) 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, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

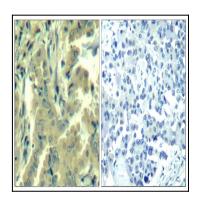
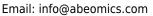


Figure 1: Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using PLC-g2(Ab-1217) Antibody 35-1736 (left) or the same antibody preincubated with blocking peptide(right).



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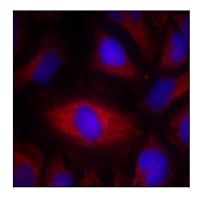


Figure 2: Immunofluorescence staining of methanol-fixed Hela cells using PLC-g2(Ab-1217) Antibody 35-1736 .