

Phospho-PLCG2-Y1217

Reactivity: Human Mouse Rat

Tested applications: IHC

Recommended Dilution: IHC 1:50 - 1:100

Calculated MW: 150kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding Y1217 of human PLCG2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

q

Synonym:

FCAS3; APLAID; RP11-510J16.3;

Catalog #: AP0429

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5336

Isotype: IgG

Swiss Prot: P16885

Purity: Affinity purification

For research use only.

Background:

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 (DAG), using calcium as a cofactor. IP3 and DAG are second messenger molecules important for transmitting signals from growth factor receptors and immune system receptors across the cell membrane.

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