

Phospho-PLC gamma 2 (PLCG2)-Y1217 Rabbit pAb

Catalog No.: AP0429

Basic Information

Observed MW

Calculated MW

148kDa

Category

Primary antibody

Applications

Cross-Reactivity

Human, Mouse, Rat

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. Mutations in this gene have been found in autoinflammation, antibody deficiency, and immune dysregulation syndrome and familial cold autoinflammatory syndrome 3.

Recommended Dilutions

Immunogen Information

Gene ID

5336

Swiss Prot

P16885

Immunogen

A phospho specific peptide corresponding to residues surrounding Y1217 of human PLC gamma 2 (PLCG2)

Synonyms

FCAS3; APLAID; PLC-IV; PLC-gamma-2; Phospho-PLC gamma 2 (PLCG2)-Y1217

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data

