

Phospho-PLCG2 (Tyr1217) Rabbit pAb

db24437

Package : 20µL 50µL 100µL

Product Name : Phospho-PLCG2 (Tyr1217) Rabbit pAb**Cat.No.:** db24437**Synonyms** : FCAS3; APLAID; PLC-IV; PLC-gamma-2**Application** : WB**Reactivity** : Human**Host species** : Rabbit**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. [provided by RefSeq, Mar 2014]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Tyr1217 of human PLCG2

Gene ID

5336

Swiss Prot

P16885

Synonyms

FCAS3; APLAID; PLC-IV; PLC-gamma-2

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:1000

Calculated MW

148 kDa

Observed MW

150 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.