

## Phospho-PLCG 2 (Tyr759) Rabbit pAb

db20266

Package : 20µL 50µL 100µL

**Product Name** : Phospho-PLCG 2 (Tyr759) Rabbit pAb**Cat.No.:** db20266**Synonyms** : FCAS3; APLAID; PLC-IV; PLC-gamma-2**Application** : WB, ICC/IF, IP**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 Tyr759 of human PLCG 2

**Gene ID**

5336

**Swiss Prot**

P16885

**Synonyms**

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

**Reactivity**

Human

**Application**

WB, ICC/IF, IP

**Recommended dilution**

WB: 1:2000-1:10000  
ICC/IF: 1:20  
IP: 1:20

**Calculated MW**

148 kDa

**Observed MW**

148 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity Purification

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**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.