

PLC gamma 2 (PLCG2) Rabbit mAb

Catalog No.: A25017 **Recombinant**

Basic Information

Observed MW

150kDa

Calculated MW

148kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

CloneNo number

ARC65255

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

WB 1:500 - 1:1000

Immunogen Information

Gene ID

5336

Swiss Prot

P16885

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 701-800 of PLC gamma 2 (PLCG2) (NP_002652.2)

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

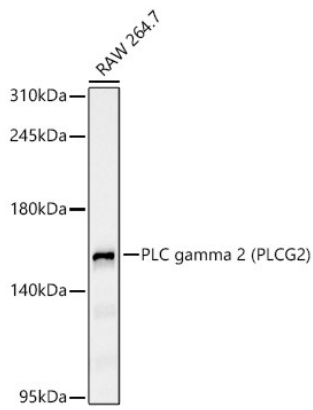
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from RAW 264.7 cells using PLC gamma 2 (PLCG2) Rabbit mAb (A25017) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.