

Phospho-PLC gamma 2 (PLCG2)-Y759 polyclonal antibody

Catalog: BS79431

Host: Rabbit

Reactivity: Human

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

150kDa

Swiss-Prot:

P16885

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

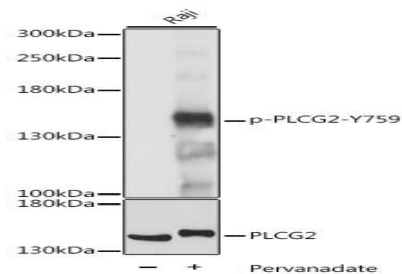
WB, 1:500 - 1:2000

Storage&Stability:

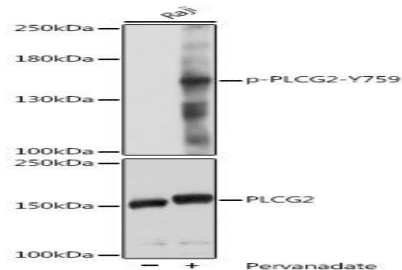
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

Phosphorylated

DATA:

Western blot analysis of extracts of Raji cells, using Phospho-PLC gamma 2 -Y759 antibody at 1:2000 dilution or PLC gamma 2 antibody. Raji cells were treated by Pervanadate at 37°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of Raji cells, using Phospho-PLC gamma 2 -Y759 pAb at 1:2000 dilution or PLC gamma 2 antibody. Raji cells were treated by Pervanadate at 37°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.

Note:

For research use only, not for use in diagnostic procedure.

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