



PRODUCT DATA SHEET

Bioworld Technology, Inc.

PLCB4 polyclonal antibody

Catalog: BS33180

Host: Rabbit

Reactivity: Human, Rat

BackGround:

1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-4: Activated phosphatidylinositol-specific phospholipase C enzymes catalyze the production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) involved in G protein-coupled receptor signaling pathways. PLCB4 is a direct effector of the endothelin receptor signaling pathway that plays an essential role in lower jaw and middle ear structures development

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~134 kDa

Swiss-Prot:

Q15147

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of PLCB4 protein

DATA:

Western blot analysis of NCKX1 expression in Hela (A), H446 (B), H1688 (C), mouse testis (D), rat testis (E) whole cell lysates.

Immunofluorescent analysis of NCKX1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber.

Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151