

**PLA2G2E polyclonal antibody**

Catalog: BS35524

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Group IIE secretory phospholipase A2: Secretory calcium-dependent phospholipase A2 that primarily targets extracellular phospholipids. Hydrolyzes the ester bond of the fatty acyl group attached at sn-2 position of phospholipids (phospholipase A2 activity), releasing various unsaturated fatty acids including oleoate, linoleoate, arachidonate, docosahexaenoate and lysophosphatidylethanolamines in preference to lysophosphatidylcholines. In response to high-fat diet, hydrolyzes minor lipoprotein phospholipids including phosphatidylserines, phosphatidylinositols and phosphatidylglycerols, altering lipoprotein composition and fat storage in adipose tissue and liver (By similarity). May act in an autocrine and paracrine manner. Contributes to lipid remodeling of cellular membranes and generation of lipid mediators involved in pathogen clearance. Cleaves sn-2 fatty acyl chains of phosphatidylglycerols and phosphatidylethanolam...

Product:

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

Molecular Weight:

~16.0 kDa

Swiss-Prot:

Q9NZK7

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 PLA2G2E protein

DATA:

Western blot analysis of CD56 expression in Hela (A) whole cell lysates.

Immunohistochemical analysis of CD56 staining in human small cell lung carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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