

Anti-Human/Mouse/Rat PLPP1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA10846

3th Edition

Description: The protein encoded by this gene is a member of the phosphatidic acid phosphatase (PAP) family. PAPs convert phosphatidic acid to diacylglycerol, and function in de novo synthesis of glycerolipids as well as in receptor-activated signal transduction mediated by phospholipase D. This protein is an integral membrane glycoprotein, and has been shown to be a surface enzyme that plays an active role in the hydrolysis and uptake of lipids from extracellular space. The expression of this gene is found to be regulated by androgen in a prostatic adenocarcinoma cell line. At least two alternatively spliced transcript variants encoding distinct isoforms have been described.

Antigen: Synthetic peptide of human PPAP2A

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Ubiquitously expressed with highest expression found in prostate. Isoform 1 is predominant in kidney, lung, placenta and liver. Isoform 2 is predominant in heart and pancreas. Found to be down-regulated in colon adenocarcinomas.