

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



LYPLA1 (K90) Peptide

Cat No.: BS3063P

Background

Acyl-protein thioesterase 1 (APT1, Lysophospholipase 1) is a member of a family of critical enzymes, lysophospholipases, that act on biological membranes to regulate the multifunctional lysophospholipids. APT1 hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS. The role of APT1 in regulating lysophospholipids is important because increased levels of lysophospholipids are detected in a variety of diseases, including atherosclerosis and hyperlipidemia (1). Regulated expression of acyl-protein thioesterase by PKC has been suggested to have important implications for signal transduction processes.

Swiss-Prot

O75608

Applications

Blocking

Specificity

This peptide can be used with studies using BS3063 LYPLA1 (K90) pAb.

Purification & Purity

Synthetic peptide LYPLA1 (K90). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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