Bioworld Technology CO., Ltd.

p-PI3K p85-α(Tyr607) Peptide

Cat No.: AP0153P

Background

The enzyme phosphatidylinositol 3 kinase (PI3 kinase) is a lipid kinase that generates phosphatidylinositol 3, 4, 5-triphosphate in response to receptor activation in many signal transduction pathways. Class IA PI3Ks exist as a heterodimer of a catalytic 110 kDa (p110) and a regulatory p85 subunit (e.g. p85 alpha). p85 alpha is an adaptor molecule that regulates the activity of the catalytic p110 subunit by binding to phosphorylated receptor tyrosine kinases (RTKs) through its SH2 domain and mediating the interaction between p110 and the plasma membrane. p85 alpha is necessary for insulin-stimulated increase in glucose up-take and glycogen synthesis in insulin-sensitive tissues.

Swiss-Prot

P27986

Applications

Blocking

Specificity

This peptide can be used with studies using AP0153 p-PI3K p85-α(Tyr607) pAb.

Purification & Purity

Synthetic peptide p-PI3K p85-α(Tyr607). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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