

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



p-PKD1 (S738) Peptide

Cat No.: BS5031P

Background

Activation of PKC is one of the earliest events in a cascade leading to a variety of cellular responses such as secretion, gene expression, proliferation and muscle contraction. Protein kinase D (PKD), also called PKC μ , is a serine/threonine kinase whose activation is dependent on the phosphorylation of two activation loop sites, Ser744 and Ser748, via a PKC-dependent signaling pathway. In addition to the two activation loop sites, the carboxy-terminal Ser916 has been identified as an autophosphorylation site for PKD/PKC μ . Phosphorylation at Ser916 correlates with PKD/PKC μ catalytic activity.

Swiss-Prot

Q15139

Applications

Blocking

Specificity

This peptide can be used with studies using BS5031 p-PKD1 (S738) pAb.

Purification & Purity

Synthetic peptide p-PKD1 (S738). (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.