

PKD1 (phospho-S910) polyclonal antibody

Catalog: BS4862

Host: Rabbit

Reactivity: Human, Mouse, Rat

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 auto-phosphorylation site for PKD/PKC μ . Phosphorylation at Ser916 correlates with PKD/PKC μ catalytic activity.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 115 kDa

Swiss-Prot:

Q15139

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

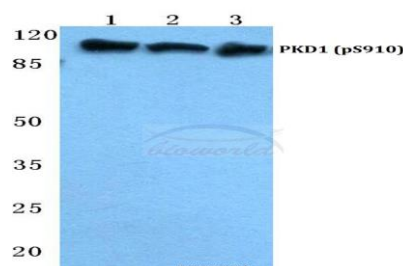
Storage&Stability:

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

Specificity:

p-PKD1 (S910) polyclonal antibody detects endogenous levels of PKD1 protein only when phosphorylated at Ser910.

DATA:



Western blot (WB) analysis of p-PKD1 (S910) polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate treated with PMA(100nM, 15mins)

Lane2: NIH-3T3 cell lysate treated with PMA(100nM, 15mins)

Lane3: H9C2 cell lysate treated with PMA(100nM, 15mins)

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