

PKD1 (G459) polyclonal antibody

Catalog: BS1581

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:

IHC: 1:50~1:200

Storage&Stability:

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

Specificity:

PKD1 (G459) polyclonal antibody detects endogenous levels of PKD1 protein.

DATA:



Immunohistochemistry (IHC) analyzes of PKD1 (G459) pAb in paraffin-embedded human brain tissue.

Note:

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

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