

PKD2 (A872) polyclonal antibody

Catalog: BS1584

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

PKD2 (protein kinase D2), also known as PRKD2 or HSPC187, is a widely expressed protein belonging to the protein kinase D (PKD) family of serine/threonine kinases. In mammals, there are three members of the PKD family, namely PKC μ , PKD2 and PKC η , and each contain a homologous catalytic domain but differ in their tissue expression and subcellular localization. PKD family members are activated by G-protein-coupled receptors (GPCRs) and are known to participate in biological processes such as proliferation, apoptosis, migration, signal transduction and vesicle shedding. Shuttling between the nucleus and the cytoplasm, PKD2 contains one PH domain, one protein kinase domain and two phorbol-ester/DAG-type zinc fingers, and functions as a calcium-independent, phospholipid-dependent protein kinase.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 96 kDa

Swiss-Prot:

Q9BZL6

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

IHC: 1:50~1:200

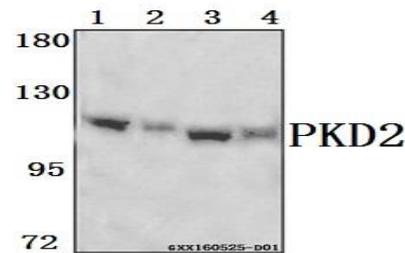
Storage&Stability:

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

Specificity:

PKD2 (A872) polyclonal antibody detects endogenous levels of PKD2 protein.

DATA:



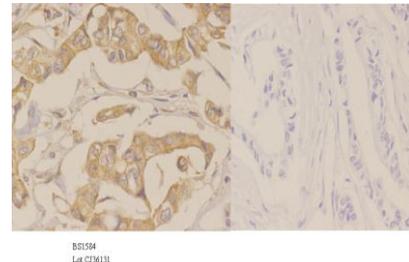
Western blot (WB) analysis of PKD2 (A872) polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate(40ug)

Lane2:The Lung tissue lysate of Mouse(40ug)

Lane3:HCC827 whole cell lysate(40ug)

Lane4:L02 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of PKD2 (A872) pAb in paraffin-embedded human breast carcinoma tissue at 1:50, showing cytoplasmic and cell membrane staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

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

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