

# PKD1 Polyclonal Antibody

### Description

Product type Primary Antibody

Code BT-AP13118

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human PKD1/PKC mu. AA

range:429-478

Mol wt 101888

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Serine/threonine-protein kinase D1

Synonyms Serine/threonine-protein kinase D1; PRKD1; PKD1; PKCM; Serine/threonine-protein kinase D1;

Protein kinase C mu type; Protein kinase D; nPKC-D1; nPKC-mu

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

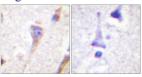
PRKD1 is a serine/threonine kinase that regulates a variety of cellular functions, including membrane receptor signaling, transport at the Golgi, protection from oxidative stress at the mitochondria, gene transcription, and regulation of cell shape, motility, and adhesion (summary by Eiseler et al., 2009

## Recommended Dilution

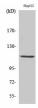
WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 ELISA: 1: 10000

Not yet tested in other applications.

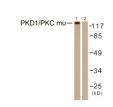
#### Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PKD1/PKC mu Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PKD1 Polyclonal Antibody



Western blot analysis of lysates from HepG2 cells, using PKD1/PKC mu Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for 1 year

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