Phospho-PRKCD (Ser645) Antibody

PACO24326

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:1000, IHC:1:50-1:100

Protein Background:

This is calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters. May play a role in antigen-dependent control of B-cell function. Phosphorylates MUC1 in the C-terminal and regulates the interaction between MUC1 and beta-catenin.

Gene ID:

PRKCD

Uniprot

Q05655

Synonyms:

KPCD; PKC-delta; PRKCD; kinase PKC-delta; nPKC-delta

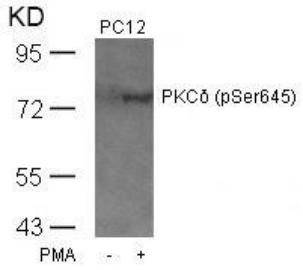
Immunogen:

Peptide sequence around phosphorylation site of serine 645 (R-L-S(p)-Y-S) derived from Human PKCd.

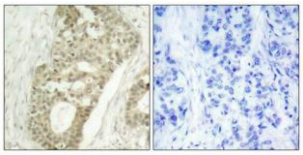
Storage:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western blot analysis of extracts from PC12 cells untreated or treated with PMA using PKCd(Phospho-Ser645) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PKCd(Phospho-Ser645) Antibody(left) or the same antibody preincubated with blocking peptide(right).