

PRKCD (Ab-64) Antibody



PACO21608

Product Information

Size:

100ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:3000

Protein Background:

Calcium-independent, phospholipid- and diacylglycerol (DAG)-dependent serine/threonine-protein kinase that plays contrasting roles in cell death and cell survival by functioning as a pro-apoptotic protein during DNA damage-induced apoptosis, but acting as an anti-apoptotic protein during cytokine receptor-initiated cell death, is involved in tumor suppression as well as survival of several cancers, is required for oxygen radical production by NADPH oxidase and acts as positive or negative regulator in platelet functional responses. Negatively regulates B cell proliferation and also has an important function in self-antigen induced B cell tolerance induction. Upon DNA damage, activates the promoter of the death-promoting transcription factor BCLAF1/Btf to trigger BCLAF1-mediated p53/TP53 gene transcription and apoptosis.

Gene ID:

PRKCD

Uniprot

Q05655

Synonyms:

EC 2.7.11.13; kinase PKCµ delta; KPCD; nPKCµ delta; PKCµ delta

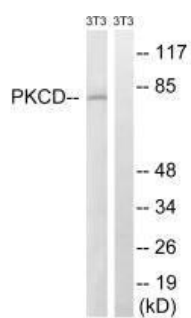
Immunogen:

Synthesized non-phosphopeptide derived from human PKCµ around the phosphorylation site of tyrosine 64 (H-I-Y(p)-E-G).

Storage:

Rabbit IgG 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 3T3 cells, treated with EGF (200ng/ml, 30mins), using PKCD (Ab-64) antibody.