

# Phospho-PKC (pan) (zeta)-T410 Rabbit Polyclonal Antibody

## CABP0520



### Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

85kDa

**Calculated MW:**

46kDa/56-68kDa/74-83kDa

**Applications:**

WB

**Reactivity:**

Human, Mouse, Rat

### Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

### Protein Background

Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This kinase has been reported to play roles in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. Knockout studies in mice suggest that this kinase may be a fundamental regulator of cardiac contractility and Ca(2+) handling in myocytes. [provided by RefSeq, Jul 2008]

### Immunogen information

**Gene ID:**

5578/5579/5580/5581/5582/5583/5584/5588/5590

**Uniprot**

P17252/P05771/Q05655/Q02156/P05129/P24723/P41743/Q04759/Q05513

**Synonyms:**

PRKCA/PRKCB/PRKCD/PRKCE/PRKCG/PRKCH/PRKCI/PRKCQ/PRKZ

**Immunogen:**

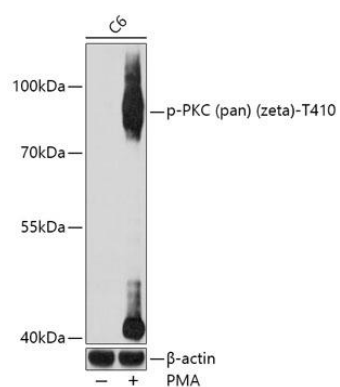
A synthetic phosphorylated peptide around T410 of human PRKCZ (NP\_002735.3).

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of C6 cells, using Phospho-PKC (pan) (zeta)-T410 antibody (CABP0520) at 1:1000 dilution. C6 cells were treated by PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.