

Product datasheet for TA380355S

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PKC alpha (PRKCA) Rabbit Polyclonal Antibody

Product data:

Isotype:

Product Type: Primary Antibodies

Applications: ELISA, WB

Recommended Dilution: WB,1:500 - 1:2000

ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Phospho T410

Host: Rabbit

Clonality: Polyclonal

Formulation: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

IgG

Predicted Protein Size: 46kDa/56-68kDa/74-83kDa

Gene Name: protein kinase C alpha

Database Link: Entrez Gene 5578 Human

<u>P17252</u>



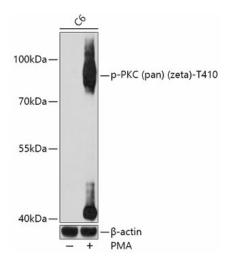
Background:

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]

Synonyms:

AAG6; MGC129900; MGC129901; PKC-A; PKC-alpha; PKCA; PRKACA

Product images:



Western blot analysis of lysates from C6 cells