

AP0192

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# Phospho-PRKCQ-S695 Rabbit pAb

Catalog No.: AP0192 **1 Publications**

## Basic Information

### Observed MW

72kDa

### Calculated MW

82kDa

### Category

Polyclonal Antibody

### Applications

WB

### Cross-Reactivity

Human,Mouse,Rat

## 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. The protein encoded by this gene is one of the PKC family members. It is a calcium-independent and phospholipid-dependent protein kinase. This kinase is important for T-cell activation. It is required for the activation of the transcription factors NF-kappaB and AP-1, and may link the T cell receptor (TCR) signaling complex to the activation of the transcription factors.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

5588

### Swiss Prot

Q04759

### Immunogen

A phospho specific peptide corresponding to residues surrounding S695 of human PRKCQ

### Synonyms

PRKCT; nPKC-theta; Phospho-PRKCQ-S695

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

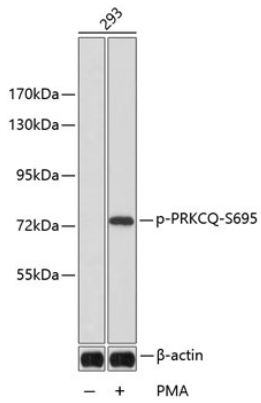
### Storage

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts from 293 cells, using Phospho-PRKCQ-S695 antibody (AP0192).

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.