

# Phospho-PRKCQ-S695 Rabbit pAb

Catalog No.: AP0192

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## Basic Information

**Observed MW**

72kDa

**Calculated MW**

82kDa

**Category**

Primary 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**

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

PRKCT; nPKC-theta; Phospho-PRKCQ-S695

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

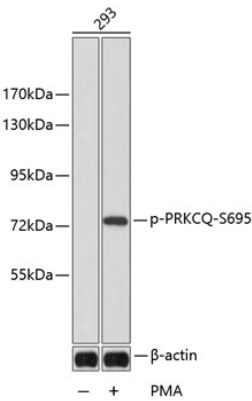
Affinity purification

**Storage**

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

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

# Validation Data



Western blot analysis of lysates from 293 cells, using Phospho-PRKCQ-S695 Rabbit pAb (AP0192).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.