Phospho-PRKCQ-T538 Rabbit Polyclonal Antibody

CABP0798

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

98kDa

Calculated MW:

67kDa/74kDa/81kDa

Applications:

WB

Reactivity:

Human

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. 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.

Immunogen information

Gene ID:
5588

Uniprot
Q04759

Synonyms:
PRKCQ; PRKCT; nPKC-theta

Immunogen:
A synthetic phosphorylated peptide around T538 of human PRKCQ (NP_006248.1).

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

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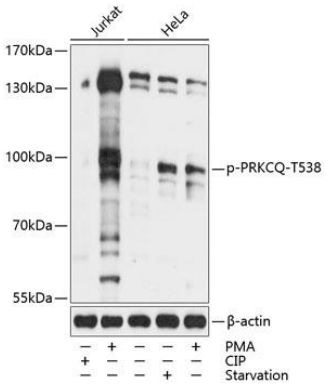
Product Images



Western blot analysis of extracts of Jurkat and HeLa cells, using Phospho-PRKCQ-T538 antibody (CABP0798) at 1:2000 dilution. Jurkat cells were treated by PMA/TPA (200nM) for 10 minutes.HeLa cells were treated by serum-starvation overnight or treated by PMA/TPA (200nM) for 15 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: 30s.