AP0260

Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Phospho-PRKCQ-S676 Rabbit pAb

Catalog No.: AP0260

Basic Information

Observed MW
78kDa

Calculated MW
82kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human

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 - 1:1000

Immunogen Information

Gene ID
5588

Swiss Prot
Q04759

Immunogen
A phospho specific peptide corresponding to residues surrounding S676 of human PRKCQ

Synonyms
PRKCT; nPKC-theta; Phospho-PRKCQ-S676

Contact

www.abclonal.com

Product Information

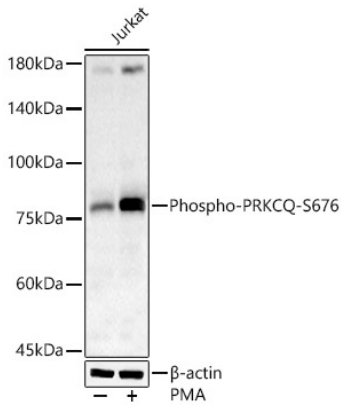
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of Jurkat, using Phospho-PRKCQ-S676 antibody (AP0260) at 1:1000 dilution.Jurkat cells were treated by PMA/TPA (200 nM) at 37℃ for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.