

Phospho-PKC mu-S744/748 Rabbit pAb

Catalog No.: AP0534

Basic Information

Observed MW

102kDa

Calculated MW

102kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a serine/threonine protein kinase involved in many cellular processes, including Golgi body membrane integrity and transport, cell migration and differentiation, MAPK8/JNK1 and Ras pathway signaling, MAPK1/3 (ERK1/2) pathway signaling, cell survival, and regulation of cell shape and adhesion.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5587

Swiss Prot

Q15139

Immunogen

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

Synonyms

PKD; PKCM; CHDED; PRKCM; PKC-MU; Phospho-PKC mu-S744/748

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

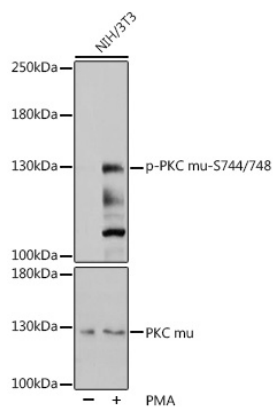
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-PKC mu-S744/748 pAb (AP0534) at 1:1000 dilution or PRKD1 antibody (A16185). NIH/3T3 cells were treated with PMA/TPA (200nM) for 30 minutes after serum-starvation overnight.

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

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.