# PRKCQ Recombinant Antibody

## RACO0452

## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse

**Source:**

Homo sapiens (Human)

**Isotype:**

Rabbit IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

WB:1:500-1:5000

**Protein Background:**

Calcium-independent, phospholipid- and diacylglycerol (DAG)-dependent serine/threonine-protein kinase that mediates non-redundant functions in T-cell receptor (TCR) signaling, including T-cells activation, proliferation, differentiation and survival, by mediating activation of multiple transcription factors such as NF-kappa-B, JUN, NFATC1 and NFATC2. In TCR-CD3/CD28-co-stimulated T-cells, is required for the activation of NF-kappa-B and JUN, which in turn are essential for IL2 production, and participates in the calcium-dependent NFATC1 and NFATC2 transactivation. Mediates the activation of the canonical NF-kappa-B pathway (NFKB1) by direct phosphorylation of CARD11 on several serine residues, inducing CARD11 association with lipid rafts and recruitment of the BCL10-MALT1 complex, which then activates IKK complex, resulting in nuclear translocation and activation of NFKB1.

**Gene ID:**

PRKCQ

**Uniprot**

Q04759

**Synonyms:**

Protein kinase C theta type (EC 2.7.11.13) (nPKC-theta), PRKCQ, PRKCT

**Immunogen:**

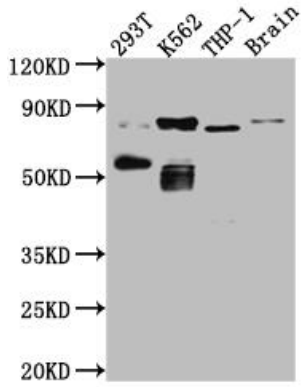
A synthesized peptide derived from human PKC theta.

**Storage:**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images




Western Blot
Positive WB detected in( 293T whole cell lysate)  K562 whole cell lysate)  THP-1 whole cell lysate)  Mouse Brain whole cell lysate) All lanes:  PKC antibody at 1:1000
Secondary
Goat polyclonal to rabbit IgG at 1:50000 dilution
Predicted band size: 82, 75, 68 kDa
Observed band size: 82, 55 kDa