

For Research Use Only

# Phospho-PKC Delta (Thr507) Polyclonal antibody

Catalog Number: 29564-1-AP



## Basic Information

Catalog Number:

29564-1-AP

Size:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC043350

GeneID (NCBI):

5580

UNIPROT ID:

Q05655

Full Name:

protein kinase C, delta

Calculated MW:

78 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : PMA treated THP-1 cells, THP-1 cells

## Background Information

PKC Delta (PRKCD) is a member of the PKC family, a phospholipid-dependent family of serine/threonine kinases, and is present in human neutrophils. Novel PKCs (PRKCD, PRKCE, PRKCH and PRKCQ) are calcium-insensitive, but activated by diacylglycerol (DAG) and phosphatidylserine. Three specific sites; Thr-507 (activation loop of the kinase domain), Ser-645 (turn motif) and Ser-664 (hydrophobic region), need to be phosphorylated for its full activation. This antibody is equivalent to Thr505 in mice.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

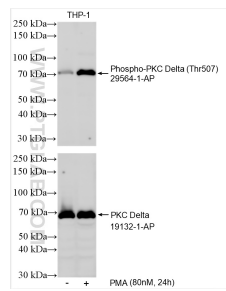
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Non-treated and PMA treated THP-1 cells were subjected to SDS PAGE followed by western blot with 29564-1-AP (Phospho-PKC Delta (Thr507) antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with PKC Delta antibody (19132-1-AP) subsequently.