

For Research Use Only

PKC eta Polyclonal antibody, PBS Only

Catalog Number: 26916-1-PBS



Basic Information

Catalog Number:

26916-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25365

GenBank Accession Number:

BC037268

GeneID (NCBI):

5583

UNIPROT ID:

P24723

Full Name:

protein kinase C, eta

Observed MW:

75-90 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

PRKCH (gene ID: 5583) encodes protein kinase C eta (PKC η), a calcium independent, phospholipid dependent serine/threonine kinase of the novel PKC subfamily. It regulates cell proliferation, differentiation, and apoptosis, with prominent roles in keratinocyte differentiation, early B cell development, and epithelial barrier integrity. Genetic variants in PRKCH are linked to cerebral infarction and Alzheimer's disease, while PKC η exhibits context dependent functions in cancer-promoting progression and chemoresistance in some tumors (e.g., glioblastoma) but acting as a tumor suppressor in others (e.g., hepatocellular carcinoma).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

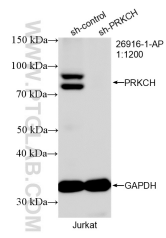
T: 4006900926

E: Proteintech-CN@ptglab.com

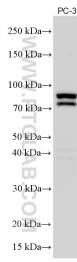
W: ptgcn.com

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

Selected Validation Data



WB result of PKC eta antibody (26916-1-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-PKC eta transfected Jurkat cells. This data was developed using the same antibody clone with 26916-1-PBS in a different storage buffer formulation.



PC-3 cells were subjected to SDS PAGE followed by western blot with 26916-1-AP (PKC eta antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26916-1-PBS in a different storage buffer formulation.