

For Research Use Only

PKC eta Polyclonal antibody, PBS Only

Catalog Number: 26916-1-PBS



Basic Information

Catalog Number: 26916-1-PBS	GenBank Accession Number: BC037268	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5583	
Source: Rabbit	UNIPROT ID: P24723	
Isotype: IgG	Full Name: protein kinase C, eta	
Immunogen Catalog Number: AG25365	Observed MW: 75-90 kDa	

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.

Storage Buffer:
PBS only, pH7.3

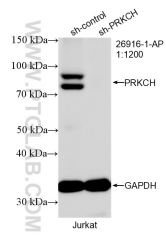
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

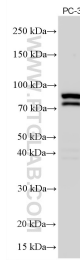
E: proteintech@ptglab.com
W: ptglab.com

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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.