

For Research Use Only

# PRKACB Recombinant antibody, PBS Only

Catalog Number: 85716-2-PBS



## Basic Information

Catalog Number:

85716-2-PBS

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_002731

GeneID (NCBI):

5567

UNIPROT ID:

P22694

Full Name:

protein kinase, cAMP-dependent,  
catalytic, beta

Calculated MW:

46 kDa

Observed MW:

36-46 kDa

Purification Method:

Protein A purification

CloneNo.:

242947A6

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

PRKACB, also named as PKA C-beta, belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family and cAMP subfamily. It mediates cAMP-dependent signaling triggered by receptor binding to GPCRs. PKA activation regulates diverse cellular processes such as cell proliferation, the cell cycle, differentiation and regulation of microtubule dynamics, chromatin condensation and decondensation, nuclear envelope disassembly and reassembly, as well as regulation of intracellular transport mechanisms and ion flux.

## 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:

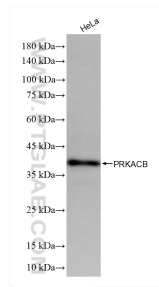
T: 4006900926

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



HeLa cell lysates were subjected to SDS PAGE followed by western blot with 85716-2-RR (PRKACB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85716-2-PBS in a different storage buffer formulation.