

For Research Use Only

PRKACB Recombinant antibody

Catalog Number: 85716-2-RR



Basic Information

Catalog Number:

85716-2-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

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

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, fetal human brain tissue

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

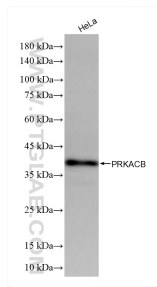
For technical support and original validation data for this product please contact:

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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.