

For Research Use Only

PCBP3 Recombinant antibody

Catalog Number: 85180-3-RR



Basic Information

Catalog Number:

85180-3-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9202

GenBank Accession Number:

BC012061

GeneID (NCBI):

54039

UNIPROT ID:

P57721

Full Name:

poly(rC) binding protein 3

Calculated MW:

313 aa, 33 kDa

Observed MW:

39 kDa

Purification Method:

Protein A purification

CloneNo.:

242791F11

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : MCF-7 cells, K-562 cells, IMR-32 cells, RAW 264.7 cells, PC-12 cells

Background Information

PCBP3 is a member of the KH-domain protein subfamily. Proteins of this subfamily, also referred to as alpha-CPs, bind to RNA with a specificity for C-rich pyrimidine regions. Alpha-CPs play important roles in post-transcriptional activities and have different cellular distributions. PCBP3 is broadly expressed in various tissues, including the testis and endometrium. It has been associated with diseases such as dementia.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

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

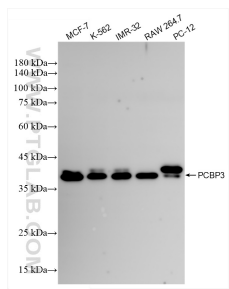
T: 4006900926

E: Proteintech-CN@ptglab.com

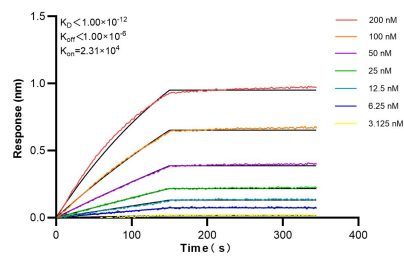
W: ptgcn.com

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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 85180-3-RR (PCBP3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85180-3-RR against Human PCBP3 were performed. The affinity constant is below 1 pM.