

For Research Use Only

RTCB Recombinant antibody

Catalog Number: 86258-5-RR



Basic Information

Catalog Number:

86258-5-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13836

GenBank Accession Number:

BC000151

GeneID (NCBI):

51493

UNIPROT ID:

Q9Y3I0

Full Name:

chromosome 22 open reading frame

28

Calculated MW:

55 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

250866G9

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: Jurkat cells, HeLa cells, HEK-293T cells, HepG2 cells, 3T3-L1 cells, mouse brain tissue, rat brain tissue

Background Information

RTCB (also known as HSPC117, C22orf28, FAAP and D10Wsu52e) is an essential subunit of a tRNA ligase complex that is involved in RNA repair and stress-induced splicing. As a multifunctional protein, RTCB is also a cell adhesion protein and is important in embryo and placenta development. Recently RTCB has been identified as UPR RNA ligase catalyzing unconventional XBP1 mRNA splicing. This antibody specifically recognizes endogenous RTCB protein. (25087875)

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

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

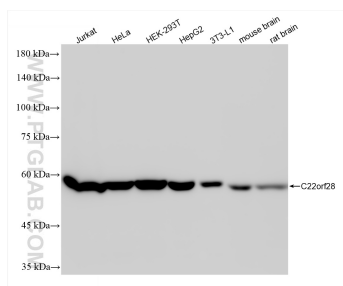
T: 4006900926

E: Proteintech-CN@ptglab.com

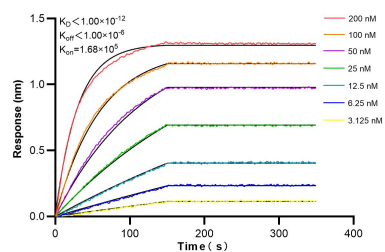
W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86258-5-RR (C22orf28 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86258-5-RR against Human RTCB were performed. The affinity constant is below 1 pM.