

For Research Use Only

YTHDF3 Recombinant antibody

Catalog Number: 84709-3-RR



Basic Information

Catalog Number:

84709-3-RR

Size:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22407

GenBank Accession Number:

BC052970

GeneID (NCBI):

253943

UNIPROT ID:

Q7Z739

Full Name:

YTH domain family, member 3

Calculated MW:

585 aa, 64 kDa

Observed MW:

64 kDa

Purification Method:

Protein A purification

CloneNo.:

242149F3

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HCT 116 cells, PC-12 cells, C6 cells, NIH/3T3 cells

Background Information

YTHDF3, also named as YTH domain-containing family protein 3, is a 585 amino acid protein, which contains 1 YTH domain. YTHDF3 specifically recognizes and binds N6-methyladenosine (m6A)-containing RNAs. M6A is a modification present at internal sites of mRNAs and some non-coding RNAs and plays a role in the efficiency of mRNA splicing, processing and stability.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

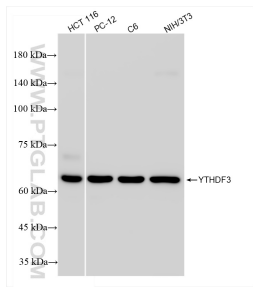
T: 4006900926

E: Proteintech-CN@ptglab.com

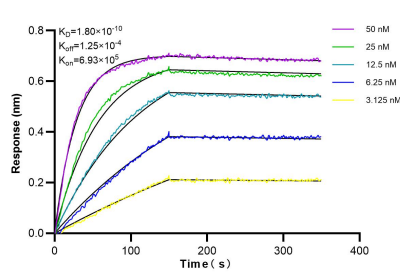
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84709-3-RR (YTHDF3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84709-3-RR against Human YTHDF3 were performed. The affinity constant is 0.18 nM.