

For Research Use Only

# YTHDF1 Recombinant antibody

Catalog Number: 80876-2-RR



## Basic Information

Catalog Number:

80876-2-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11509

GenBank Accession Number:

BC050284

GeneID (NCBI):

54915

UNIPROT ID:

Q9BYJ9

Full Name:

YTH domain family, member 1

Calculated MW:

559 aa, 61 kDa

Observed MW:

60-65 kDa

Purification Method:

Protein A purification

CloneNo.:

241445B10

Recommended Dilutions:

WB 1:5000-1:50000

IF-P 1:50-1:500

## Applications

Tested Applications:

WB, IF-P, FC (Intra), ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HEK-293 cells, HeLa cells, Jurkat cells, HepG2 cells, K-562 cells, NIH/3T3 cells, HSC-T6 cells

IF-P : mouse brain tissue,

## Background Information

### 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:

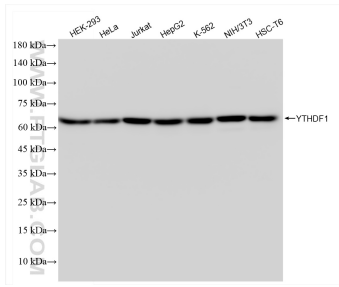
T: 4006900926

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

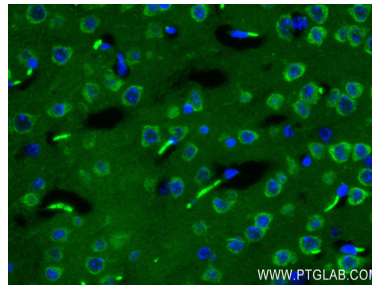
W: [ptgcn.com](http://ptgcn.com)

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

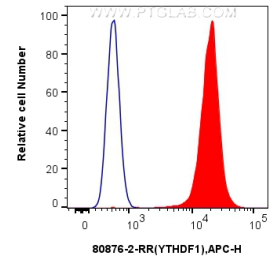
## Selected Validation Data



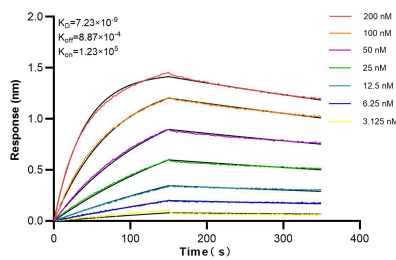
Various lysates were subjected to SDS PAGE followed by western blot with 80876-2-RR (Ag11509 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using YTHDF1 antibody (80876-2-RR, Clone: 241445B10) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.25 ug YTHDF1 Recombinant antibody (80876-2-RR, Clone:241445B10) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 80876-2-RR against Human YTHDF1 were performed. The affinity constant is 7.23 nM.