

For Research Use Only

YTHDF1 Recombinant antibody

Catalog Number: 80876-2-RR



Basic Information

Catalog Number: 80876-2-RR	GenBank Accession Number: BC050284	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 54915	CloneNo.: 241445B10
Source: Rabbit	UNIPROT ID: Q9BYJ9	Recommended Dilutions: WB 1:5000-1:50000 IF-P 1:50-1:500
Isotype: IgG	Full Name: YTH domain family, member 1	
Immunogen Catalog Number: AG11509	Calculated MW: 559 aa, 61 kDa	
	Observed MW: 60-65 kDa	

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,

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

***** 20ul sizes contain 0.1% BSA**

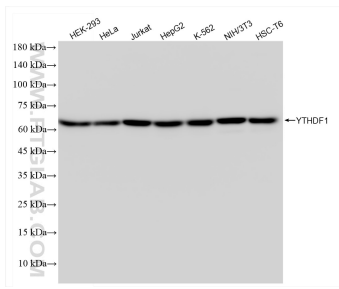
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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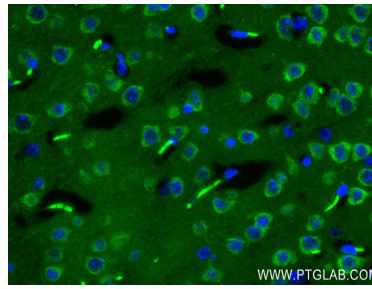
E: proteintech@ptglab.com
W: ptglab.com

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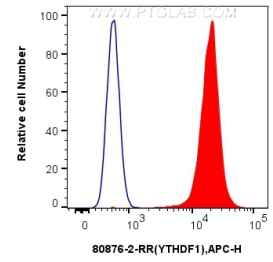
Selected Validation Data



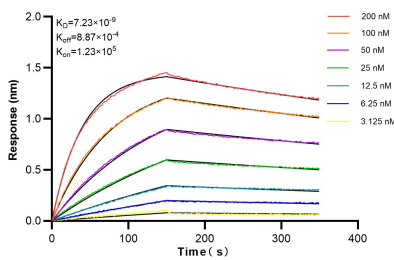
Various lysates were subjected to SDS PAGE followed by western blot with 80876-2-RR (Ag11509 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).



1x10⁶ 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.