

For Research Use Only

# YTHDF3 Recombinant antibody

Catalog Number: 84709-3-RR



## Basic Information

<b>Catalog Number:</b> 84709-3-RR	<b>GenBank Accession Number:</b> BC052970	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 253943	<b>CloneNo.:</b> 242149F3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q7Z739	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> YTH domain family, member 3	
<b>Immunogen Catalog Number:</b> AG22407	<b>Calculated MW:</b> 585 aa, 64 kDa	
	<b>Observed MW:</b> 64 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HCT 116 cells, PC-12 cells, C6 cells, NIH/3T3 cells
<b>Species Specificity:</b> human, mouse, rat	

## 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:

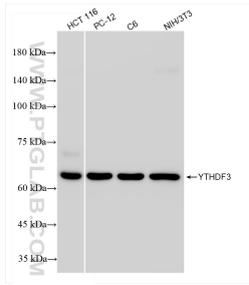
T: 4006900926

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

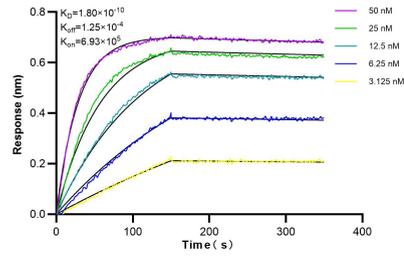
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## Selected Validation Data



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.