

For Research Use Only

YTHDF3 Recombinant antibody

Catalog Number: 84709-3-RR



Basic Information

Catalog Number: 84709-3-RR	GenBank Accession Number: BC052970	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 253943	CloneNo.: 242149F3
Source: Rabbit	UNIPROT ID: Q7Z739	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: YTH domain family, member 3	
Immunogen Catalog Number: AG22407	Calculated MW: 585 aa, 64 kDa	
	Observed MW: 64 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HCT 116 cells, PC-12 cells, C6 cells, NIH/3T3 cells
Species Specificity: 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

*** 20ul sizes contain 0.1% BSA

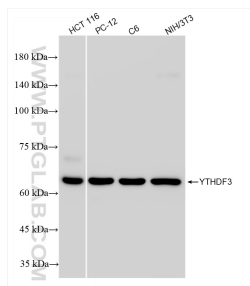
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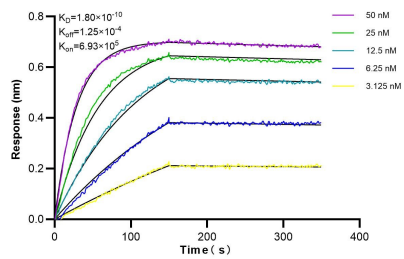
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Selected Validation Data



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.