

For Research Use Only

# UPF3B Recombinant antibody

Catalog Number: 86035-1-RR



## Basic Information

<b>Catalog Number:</b> 86035-1-RR	<b>GenBank Accession Number:</b> BC121017	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 65109	<b>CloneNo.:</b> 250604F11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BZI7	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> UPF3 regulator of nonsense transcripts homolog B (yeast)	
<b>Immunogen Catalog Number:</b> AG18568	<b>Calculated MW:</b> 483 aa, 58 kDa	
	<b>Observed MW:</b> 58 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, HepG2 cells, HEK-293 cells, K-562 cells, Jurkat cells

## Background Information

Regulator of nonsense transcripts 3B (UPF3B) is also named as RENT3B, and belongs to the RENT3 family. UPF3B is a core junction protein in the Nonsense-mediated RNA decay (NMD) pathway, involved in the exonuclear transport and quality supervision of mRNA. And UPF3B showed heightened expression in hepatocellular carcinoma (HCC) tissues and was linked with adverse prognosis (PMID: 3889220). UPF3B promotes the dissociation of post-termination ribosomal complexes that lack nascent peptide. UPF3B could promote ribosome recycling, and UPF3B serves as a direct regulator of translation termination (PMID: 29333258).

## Storage

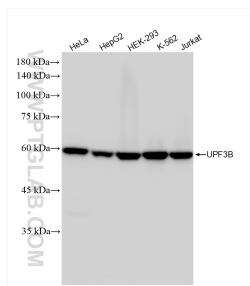
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86035-1-RR (UPF3B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.