

For Research Use Only

# UPF3B Recombinant antibody

Catalog Number: 86035-1-RR



## Basic Information

Catalog Number:

86035-1-RR

Concentration:

1000  $\mu$ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18568

GenBank Accession Number:

BC121017

GeneID (NCBI):

65109

UNIPROT ID:

Q9BZI7

Full Name:

UPF3 regulator of nonsense transcripts homolog B (yeast)

Calculated MW:

483 aa, 58 kDa

Observed MW:

58 kDa

Purification Method:

Protein A purification

CloneNo.:

250604F11

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : 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: 38889220). 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

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

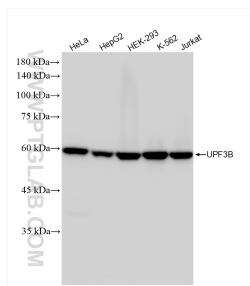
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W: [ptgcn.com](http://ptgcn.com)

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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.