

For Research Use Only

UPF3B Recombinant antibody, PBS Only

Catalog Number: 86035-1-PBS



Basic Information

Catalog Number:

86035-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18568

GenBank Accession Number:

BC121017

GeneID (NCBI):

65109

UNIPROT ID:

Q9BZ17

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

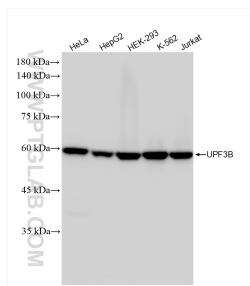
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 86035-1-PBS in a different storage buffer formulation.