

For Research Use Only

UPF1 Recombinant antibody

Catalog Number: 82791-1-RR



Basic Information

Catalog Number: 82791-1-RR	GenBank Accession Number: BC039817	Purification Method: Protein A purification
Size: 100ul , Concentration: 300 µg/ml by Nanodrop;	GeneID (NCBI): 5976	CloneNo.: 3015
Source: Rabbit	Full Name: UPF1 regulator of nonsense transcripts homolog (yeast)	Recommended Dilutions: WB 1:1000-1:6000 IF 1:185-1:740
Isotype: IgG	Calculated MW: 123 kDa	
Immunogen Catalog Number: AG29057	Observed MW: 123-130 kDa	

Applications

Tested Applications:

IF, WB, ELISA

Species Specificity:

Human, rat

Positive Controls:

WB : rat testis tissue, Raji cells, SH-SY5Y cells, HEK-293 cells, HepG2 cells, HeLa cells

IF : HepG2 cells,

Background Information

Up-Frameshift Suppressor 1 Homolog (UPF1) is the central factor in nonsense-mediated mRNA decay (NMD) and is also directly involved in telomere homeostasis, DNA replication, histone mRNA degradation and staufen-mediated mRNA decay (PMID: 29382845). It is a potential modulator of MALAT1 and that UPF1/MALAT1 pathway could be a therapeutic target for gastric cancer (PMID: 28942451). The molecular mass of UPF1 is 123-130 kDa.

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

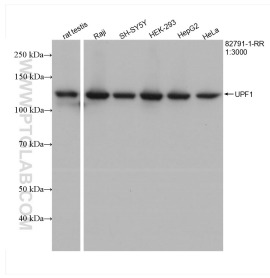
For technical support and original validation data for this product please contact:

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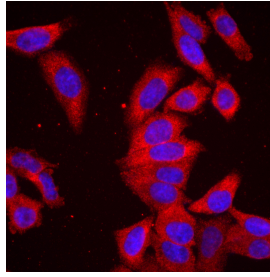
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82791-1-RR (UPF1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using UPF1 antibody (82791-1-RR, Clone: 3O15) at dilution of 1:370 and Multi-rAb CoraLite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004).