

For Research Use Only

CoraLite® Plus 488-conjugated UPF1 Recombinant antibody

Catalog Number:CL488-82791



Basic Information

Catalog Number:

CL488-82791

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29057

GenBank Accession Number:

BC039817

GeneID (NCBI):

5976

UNIPROT ID:

Q92900

Full Name:

UPF1 regulator of nonsense transcripts homolog (yeast)

Calculated MW:

123 kDa

Observed MW:

123-130 kDa

Purification Method:

Protein A purification

CloneNo.:

3015

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, rat

Positive Controls:

IF/ICC : 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

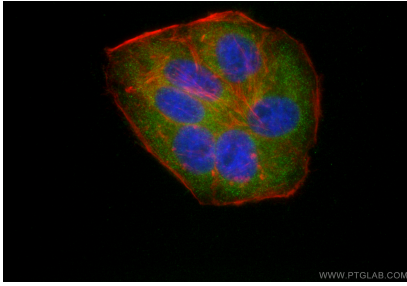
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 UPF1 antibody (CL488-82791, Clone: 3O15) at dilution of 1:200, CL594-Phalloidin (red).