

For Research Use Only

CoraLite® Plus 488-conjugated RNGTT Recombinant antibody

Catalog Number: CL488-83974-4



Basic Information

Catalog Number:

CL488-83974-4

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3105

GenBank Accession Number:

BC019954

GeneID (NCBI):

8732

UNIPROT ID:

O60942

Full Name:

RNA guanylyltransferase and 5'-phosphatase

Calculated MW:

597 aa, 69 kDa

Purification Method:

Protein A purification

CloneNo.:

240927H2

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

RNGTT(mRNA-capping enzyme) is also named as HCAP1, HCE, CAP1A. In the N-terminal section it belongs to the non-receptor class of the protein-tyrosine phosphatase family and in the C-terminal section it belongs to the eukaryotic GTase family. It is a bifunctional 597-amino acid protein with RNA triphosphatase and RNA guanylyltransferase activities(PMID:9545288). It has 4 isoforms produced by alternative splicing.

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:

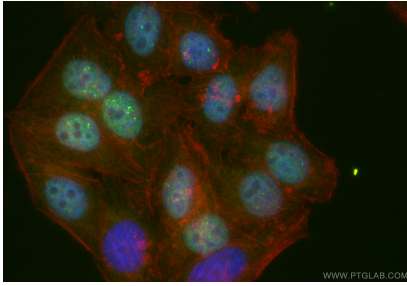
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 RNgTT antibody (CL488-83974-4, Clone: 240927H2) at dilution of 1:200, CL594-phalloidin (red).