

For Research Use Only

CoraLite® Plus 488-conjugated RNGTT Recombinant antibody

Catalog Number:CL488-83974-4



Basic Information

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|-------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------|
| Catalog Number: CL488-83974-4 | GenBank Accession Number: BC019954 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 8732 | CloneNo.: 240927H2 |
| Source: Rabbit | UNIPROT ID: O60942 | Recommended Dilutions: IF/ICC 1:50-1:500 |
| Isotype: IgG | Full Name: RNA guanylyltransferase and 5'- phosphatase | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Immunogen Catalog Number: AG3105 | Calculated MW: 597 aa, 69 kDa | |

Applications

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|---------------------------------------|----------------------------------------------------|
| Tested Applications: IF/ICC | Positive Controls: IF/ICC : HepG2 cells, |
| Species Specificity: human | |

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.

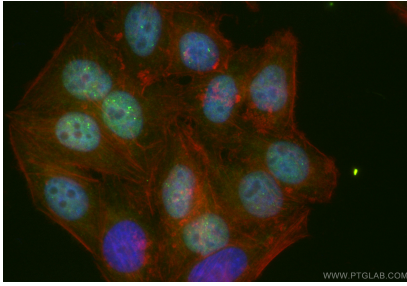
Storage

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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 RNgTT antibody (CL488-83974-4, Clone: 240927H2) at dilution of 1:200, CL594-phalloidin (red).