

For Research Use Only

CoraLite® Plus 488-conjugated NSUN4 Recombinant antibody

Catalog Number: CL488-84275-3



Basic Information

Catalog Number:

CL488-84275-3

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31828

GenBank Accession Number:

BC014441

GeneID (NCBI):

387338

UNIPROT ID:

Q96CB9

Full Name:

NOL1/NOP2/Sun domain family,
member 4

Calculated MW:

384 aa, 43 kDa

Purification Method:

Protein A purification

CloneNo.:

241115G11

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

NSUN4 belongs to a family of RNA 5-methylcytosine (m5C) methyltransferases (MTases). MTERF4 recruits NSUN4 to the large ribosomal subunit in a process crucial for mitochondrial ribosome biogenesis. NSUN4 is a dual function protein, which on the one hand is needed for 12S rRNA methylation, and on the other hand interacts with MTERF4 to facilitate mitoribosomal assembly.

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:

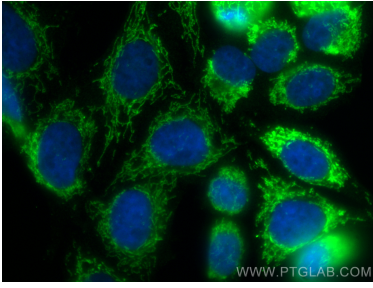
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 NSUN4 antibody (CL488-84275-3, Clone: 241115G11) at dilution of 1:200.