

For Research Use Only

CoraLite® Plus 488-conjugated GAR1 Recombinant antibody

Catalog Number: CL488-83577



Basic Information

Catalog Number:

CL488-83577

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2282

GenBank Accession Number:

BC003413

GeneID (NCBI):

54433

UNIPROT ID:

Q9NY12

Full Name:

GAR1 ribonucleoprotein homolog (yeast)

Calculated MW:

217 aa, 22 kDa

Purification Method:

Protein A purification

CloneNo.:

240537C11

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

GAR1, other named NOLA1, is a subunit of H/ACA and telomerase. Thought is not required for H/ACA protein assembly, GAR1 is necessary for ribosome biogenesis and telomere. H/ACA involves in class specify the sites of uridine-to-pseudouridine. It contains a core domain that flanked by glycine- and arginine-rich(GAR) domains. GAR1 also required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase(TERT) holoenzyme.

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:

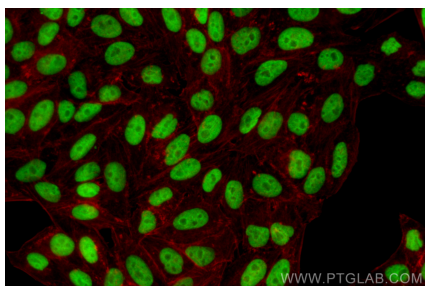
T: 4006900926

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 GAR1 antibody (CL488-83577, Clone: 240537C11) at dilution of 1:200.