

For Research Use Only

NSUN4 Recombinant antibody, PBS Only

Catalog Number: 84275-3-PBS



Basic Information

Catalog Number: 84275-3-PBS	GenBank Accession Number: BC014441	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 387338	CloneNo.: 241115G11
Source: Rabbit	UNIPROT ID: Q96CB9	
Isotype: IgG	Full Name: NOL1/NOP2/Sun domain family, member 4	
Immunogen Catalog Number: AG31828	Calculated MW: 384 aa, 43 kDa	

Applications

Tested Applications:
IF/ICC, Indirect ELISA

Species Specificity:
human

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

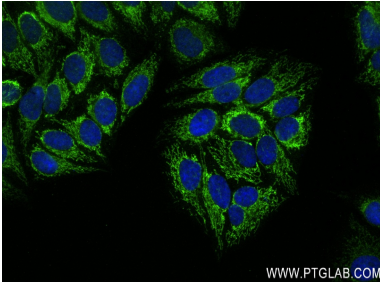
T: 4006900926

E: Proteintech-CN@ptglab.com

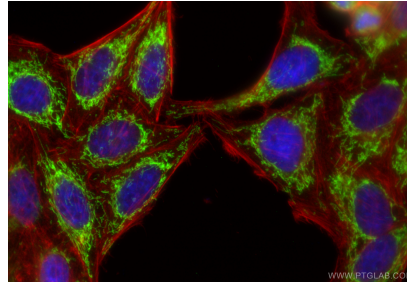
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NSUN4 antibody (84275-3-RR, Clone: 241115G11) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84275-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NSUN4 antibody (84275-3-RR, Clone: 241115G11) at dilution of 1:500 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 84275-3-PBS in a different storage buffer formulation.