NSUN4 Recombinant antibody, PBS Only

Catalog Number:84275-3-PBS

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Basic Information

Catalog Number: 84275-3-PBS	**GenBank Accession Number:** BC014441	**Purification Method:** Protein A purfication
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	**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.
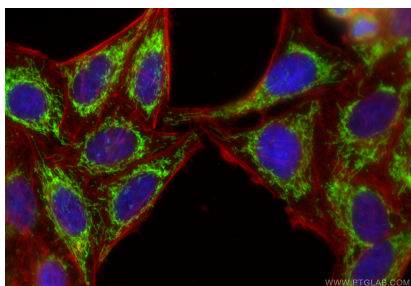
Storage
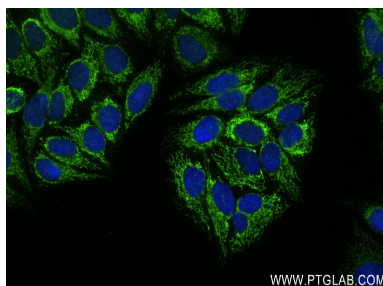
Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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.

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.