

For Research Use Only

NSUN4 Recombinant antibody

Catalog Number: 84275-1-RR



Basic Information

Catalog Number: 84275-1-RR	GenBank Accession Number: BC014441	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 387338	CloneNo.: 241115B7
Source: Rabbit	UNIPROT ID: Q96CB9	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: NOL1/NOP2/Sun domain family, member 4	
Immunogen Catalog Number: AG31828	Calculated MW: 384 aa, 43 kDa	
	Observed MW: ~43 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HT-29 cells
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

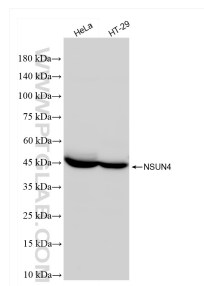
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84275-1-RR (NSUN4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.