

For Research Use Only

NSUN6 Monoclonal antibody

Catalog Number: 68614-1-Ig



Basic Information

Catalog Number: 68614-1-Ig	GenBank Accession Number: BC035778	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 221078	CloneNo.: 1H1H8
Source: Mouse	UNIPROT ID: Q8TEA1	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: NOL1/NOP2/Sun domain family, member 6	
Immunogen Catalog Number: AG11084	Calculated MW: 469 aa, 52 kDa	
	Observed MW: 50-52 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : U2OS cells, HeLa cells, HEK-293 cells, HepG2 cells, K-562 cells, Mo7e cells, Ramos cells, Raji cells, pig liver tissue
Species Specificity: Human, pig	

Background Information

NSUN6 is an RNA methyltransferase that catalyzes the methylation at position cytosine C72 in some tRNAs. NSUN6 has been reported to localize to the cytoplasm and largely colocalize with the Golgi apparatus and pericentriolar matrix, indicating that NSUN6 modifies tRNAs in a late step in their biogenesis. NSUN6 may also play a major role in bone metastasis and could be a valuable therapeutic target for bone metastasis.

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:

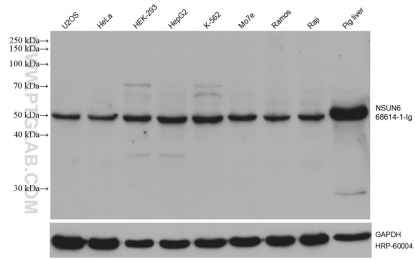
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68614-1-Ig (NSUN6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.