

For Research Use Only

# NSUN7 Recombinant antibody

Catalog Number:84795-1-RR



## Basic Information

<b>Catalog Number:</b> 84795-1-RR	<b>GenBank Accession Number:</b> BC036568	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 79730	<b>CloneNo.:</b> 242358B7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NE18	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> NOL1/NOP2/Sun domain family, member 7	
<b>Immunogen Catalog Number:</b> AG11650	<b>Calculated MW:</b> 718 aa, 81 kDa	
	<b>Observed MW:</b> 81-90 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells,
<b>Species Specificity:</b> human, rat	

## Background Information

NSUN7 (NOP2/Sun RNA methyltransferase family member 7) is involved in mitochondrial rRNA processing in post-meiotic sperm and is predicted to act upstream of or within flagellated sperm motility and sperm mitochondrion organization. In humans, Nsun7 encodes a protein with 718-amino acid and 3697-bp belonging to the methyltransferase superfamily (PMID: 37173708). The failure to produce NSUN7 would lead to the impairment in activity and motility of sperm flagella, leading to sperm motility deficit and infertility (PMID: 25702163).

## 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:

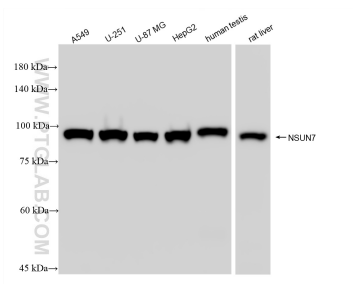
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84795-1-RR (NSUN7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.