

For Research Use Only

# NSUN6 Monoclonal antibody, PBS Only



Catalog Number: 68614-1-PBS

## Basic Information

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

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**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 -80°C.

**Storage Buffer:**  
PBS Only

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

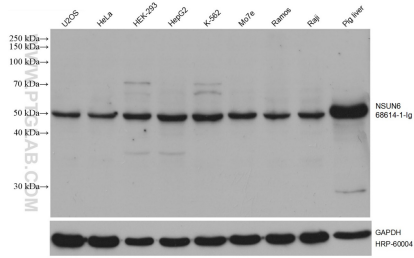
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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. This data was developed using the same antibody clone with 68614-1-PBS in a different storage buffer formulation.