

NSUN6 Monoclonal antibody

Catalog Number: 68614-1-Ig

Basic Information

Catalog Number:

68614-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG11084

GenBank Accession Number:

BC035778

GeneID (NCBI):

221078

UNIPROT ID:

Q8TEA1

Full Name:

NOL1/NOP2/Sun domain family,
member 6

Calculated MW:

469 aa, 52 kDa

Observed MW:

50-52 kDa

Purification Method:

Protein G purification

CloneNo.:

1H1H8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, pig

Positive Controls:

WB : U2OS cells, HeLa cells, HEK-293 cells, HepG2 cells, K-562 cells, Mo7e cells, Ramos cells, Raji cells, pig liver tissue

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:

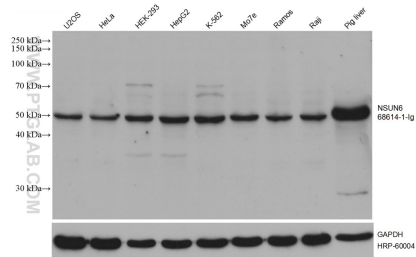
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.