

Catalog Number: 67673-1-PBS

## Basic Information

Catalog Number:

67673-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6953

GenBank Accession Number:

BC036798

GeneID (NCBI):

8731

UNIPROT ID:

O43148

Full Name:

RNA (guanine-7-) methyltransferase

Calculated MW:

476 aa, 55 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

3F1C9

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, mouse

## Background Information

RNMT, also named as mRNA cap guanine-N7 methyltransferase or KIAA0398, is a 476 amino acid protein, which contains one mRNA cap O methyltransferase domain and belongs to the class I-like SAM-binding methyltransferase superfamily. mRNA cap O methyltransferase family. RNMT localizes in the nucleus and is widely expressed in various tissues. RNMT as a mRNA-capping methyltransferase that methylates the N7 position of the added guanosine to the 5'-cap structure of mRNAs and binds RNA containing 5'-terminal GpppC.

## Storage

Storage:

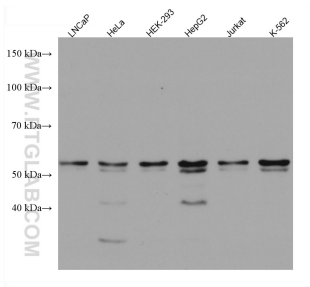
Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

# Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67673-1-Ig (RNMT antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67673-1-PBS in a different storage buffer formulation.