For Research Use Only

# RNMT Monoclonal antibody

Catalog Number:67673-1-Ig

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## Basic Information

Catalog Number:
67673-1-Ig

Size:
150ul , Concentration: 1000 ug/ml by Nanodrop and 497 ug/ml by Bradford method using BSA as the standard;

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 G purification

CloneNo.:
3F1C9

Recommended Dilutions:
WB 1:2000-1:10000

## Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse

Positive Controls:

WB : LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells

## Background Information

RNMT, also named as mRNA cap guanine-N7 methyltransferase or KIAA0398, is a 476 amino acid protein, which contains one mRNA cap 0 methyltransferase domain and belongs to the class I-like SAM-binding methyltransferase superfamily. mRNA cap 0 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

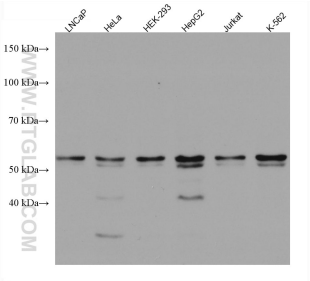
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.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 67673-1-Ig (RNMT antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.