

For Research Use Only

RNMT Monoclonal antibody

Catalog Number: 67673-1-Ig



Basic Information

Catalog Number: 67673-1-Ig	GenBank Accession Number: BC036798	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 8731	CloneNo.: 3F1C9
Source: Mouse	UNIPROT ID: O43148	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: RNA (guanine-7-) methyltransferase	
Immunogen Catalog Number: AG6953	Calculated MW: 476 aa, 55 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells
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 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 pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

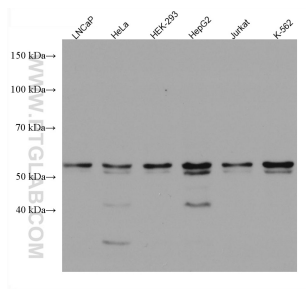
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67673-1-Ig (RNMT antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.