

For Research Use Only

RNMT Monoclonal antibody, PBS Only

Catalog Number: 67673-1-PBS



Basic Information

Catalog Number: 67673-1-PBS	GenBank Accession Number: BC036798	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8731	CloneNo.: 3F1C9
Source: Mouse	UNIPROT ID: O43148	
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, 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

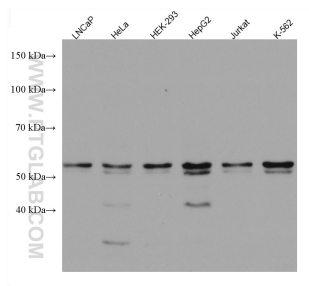
Storage:
Store at -80°C.

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 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.