

For Research Use Only

# NNMT Recombinant antibody, PBS Only

Catalog Number: 84876-5-PBS



## Basic Information

Catalog Number:	84876-5-PBS	GenBank Accession Number:	BC000234	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	4837	CloneNo.:	24239487
Source:	Rabbit	UNIPROT ID:	P40261		
Isotype:	IgG	Full Name:	nicotinamide N-methyltransferase		
Immunogen Catalog Number:	AG7197	Calculated MW:	30 kDa		
		Observed MW:	30 kDa		

## Applications

**Tested Applications:**  
WB, FC (Intra), IP, Indirect ELISA

**Species Specificity:**  
human, rat

## Background Information

NNMT can catalyze the N-methylation of nicotinamide using the universal methyl donor S-adenosyl-L-methionine to form N1-methylnicotinamide and S-adenosyl-L-homocysteine, a predominant nicotinamide/vitamin B3 clearance pathway (PMID: 21823666; 23455543; 8182091).

## 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

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

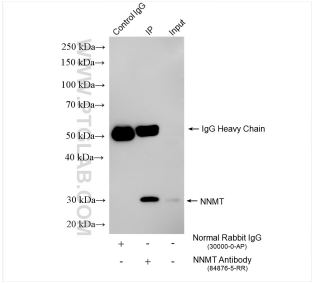
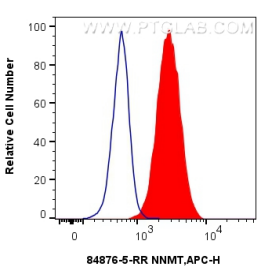
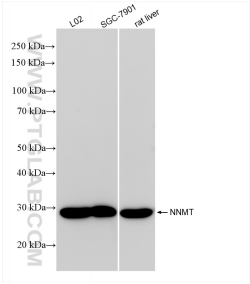
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

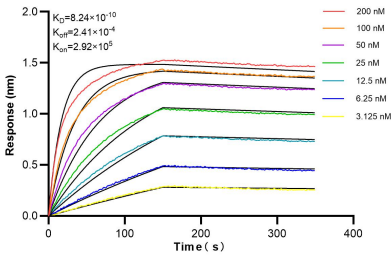
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84876-5-RR (NNMT antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84876-5-PBS in a different storage buffer formulation.

1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug NNMT Recombinant antibody (84876-5-RR, Clone:242394B7) and APC-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 84876-5-PBS in a different storage buffer

IP result of anti-NNMT (IP:84876-5-RR, 4ug; Detection:84876-5-RR 1:1500) with L02 cells lysate 1120 ug. This data was developed using the same antibody clone with 84876-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84876-5-RR against Human NNMT were performed. The affinity constant is 0.824 nM.