

For Research Use Only

# NNMT Polyclonal antibody

Catalog Number: 15123-1-AP

Featured Product

12 Publications



## Basic Information

**Catalog Number:**  
15123-1-AP

**Size:**  
150ul, Concentration: 500 µg/ml by Nanodrop;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG7197

**GenBank Accession Number:**  
BC000234

**GeneID (NCBI):**  
4837

**Full Name:**  
nicotinamide N-methyltransferase

**Calculated MW:**  
30 kDa

**Observed MW:**  
30 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**  
WB 1:1000-1:8000  
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB  
IF 1:20-1:200

## Applications

**Tested Applications:**  
FC, IF, IP, WB, ELISA

**Cited Applications:**  
IF, IHC, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, mouse

**Positive Controls:**

**WB:** LO2 cells, HepG2 cells, mouse liver tissue

**IP:** HepG2 cells,

**IF:** HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Changmei Yang	36312432	ACS Omega	WB
Changqing Wu	36382559	Adv Sci (Weinh)	WB,IHC
Wanfeng Xu	35603729	Bioengineered	WB

## 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

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

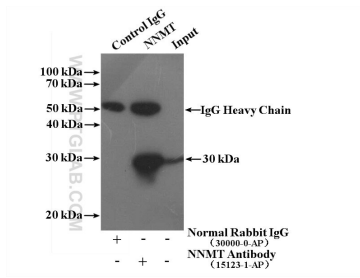
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

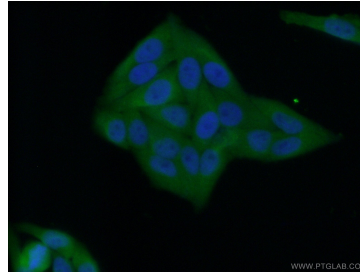
E: proteintech@ptglab.com  
W: ptglab.com

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

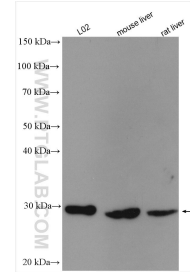
## Selected Validation Data



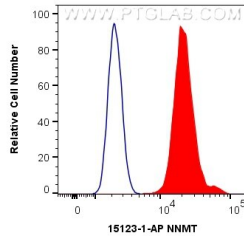
IP Result of anti-NNMT (IP:15123-1-AP, 4ug; Detection:15123-1-AP 1:300) with HepG2 cells lysate 2400ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 15123-1-AP (NNMT antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



LO2 cells were subjected to SDS PAGE followed by western blot with 15123-1-AP (NNMT antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug Anti-Human NNMT (15123-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).