

For Research Use Only

PNMT Polyclonal antibody

Catalog Number: 13217-1-AP **2 Publications**



Basic Information

Catalog Number:

13217-1-AP

Size:

150ul , Concentration: 600 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4098

GenBank Accession Number:

BC037246

GeneID (NCBI):

5409

UNIPROT ID:

P11086

Full Name:

phenylethanolamine N-methyltransferase

Calculated MW:

282 aa, 31 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : K-562 cells,

IP : PC-12 cells,

Background Information

Phenylethanolamine N-methyltransferase(PNMT), the final enzyme in catecholamine biosynthesis, converts norepinephrine to epinephrine, thereby serving as a marker of the adrenergic phenotype.

Notable Publications

Author	Pubmed ID	Journal	Application
Shin Takasawa	35682548	Int J Mol Sci	WB
He Ma	36583008	Front Endocrinol (Lausanne)	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

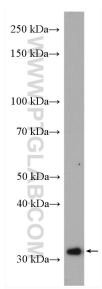
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

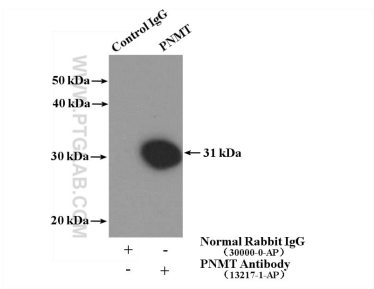
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 13217-1-AP (PNMT antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-PNMT (IP:13217-1-AP, 4ug; Detection:13217-1-AP 1:300) with PC-12 cells lysate 2400ug.