

## Rabbit PNMTase Polyclonal Antibody | anti-PNMT antibody

Anti-PNMTase Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA262115</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

PNMTase; Polyclonal Antibody; Anti-PNMTase Antibody; PENT; Phenylethanolamine N-methyltransferase; Noradrenaline N-methyltransferase; anti-PNMT antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse, Rat                                                                                              |
| Clonality                                      | Polyclonal                                                                                                     |
| Specificity                                    | Recognizes endogenous levels of PNMTase protein.                                                               |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                                | 282                                                                                                            |
| Applicable Applications for anti-PNMT antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen                                      | Recombinant full length protein of human PNMTase                                                               |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of PNMTase staining in human gastric cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of PNMTase expression in K562 (A), mouse liver (B), mouse heart (C) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                    |                                       |
|----------------------------------------------------|---------------------------------------|
| Related Product Information for anti-PNMT antibody | Rabbit polyclonal antibody to PNMTase |
|----------------------------------------------------|---------------------------------------|

### NCBI AND UNIPROT INFORMATION

|             |                         |
|-------------|-------------------------|
| NCBI GI #   | <a href="#">4505921</a> |
| NCBI GeneID | <a href="#">5409</a>    |

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI Accession #                 | NP_002677.1                            |
| NCBI GenBank Nucleotide #        | NM_002686.4                            |
| UniProt Accession #              | P11086; P40935; P10937                 |
| Molecular Weight                 | 30,855 Da                              |
| NCBI Official Full Name          | phenylethanolamine N-methyltransferase |
| NCBI Official Synonym Full Names | phenylethanolamine N-methyltransferase |
| NCBI Official Symbol             | PNMT                                   |
| NCBI Official Synonym Symbols    | PENT; PNMTase                          |
| NCBI Protein Information         | phenylethanolamine N-methyltransferase |
| UniProt Protein Name             | Phenylethanolamine N-methyltransferase |
| UniProt Gene Name                | PNMT                                   |
| UniProt Synonym Gene Names       | PENT; PNMTase                          |
| UniProt Entry Name               | PNMT_HUMAN                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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