

Rabbit Anti-PNMT/AF350 Conjugated antibody

SL3912R-AF350

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| Product Name | Anti-PNMT/AF350 |
| Chinese Name | AF350 标记的苯乙醇胺甲基转移酶抗体 |
| Alias | Noradrenaline N-methyltransferase; PENT; Phenylethanolamine N-methyltransferase; PNMTase; PNMT_HUMAN. |
| Research Area | Tumour Cardiovascular Cell biology immunology Neurobiology transcriptional regulatory factor |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | Human,Rat(predicted:Mouse,Dog,Pig,Horse,Rabbit) IF=1:100-500,ICC/IF=1:100-500 |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight | 31kDa |
| Form | Lyophilized or Liquid |
| Concentration | 1mg/ml |
| immunogen | KLH conjugated synthetic peptide derived from human PNMT |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Storage Buffer | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| Storage | |
| Product Detail | background: Phenylethanolamine N-methyltransferase, PNMT, catalyzes the synthesis of epinephrine from norepinephrine, (adrenalin from noradrenalin), in catecholamine biosynthesis. |

Function:

Converts noradrenaline to adrenaline.

Similarity:

Belongs to the NNMT/PNMT/TEMT family.

Database links:

UniProtKB/Swiss-Prot: P11086.1

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PNMT 又称去甲肾上腺素 N-甲基转移酶,其作用:催化将甲基从 S-腺苷酰甲硫氨酸转移到去甲肾上腺素的氨基端生成肾上腺素反应的酶。一般认为:嗜铬细胞胞浆中存在大量的 PNMT,可使去甲肾上腺素甲基化而成肾上腺素(另一个生成肾上腺素的方式)。