

PNMT Rabbit pAb

Catalog # AP98506

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P11086
Other Accession	P11086
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30855
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PNMT
Epitope Specificity	101-200/282
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the NNMT/PNMT/TEMT family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Phenylethanolamine N-methyltransferase, PNMT, catalyzes the synthesis of epinephrine from norepinephrine, (adrenalin from noradrenalin), in catecholamine biosynthesis.

Additional Information

Gene ID	5409
Other Names	PNMT_HUMAN; PNMT; PNMTase; Noradrenaline N-methyltransferase; 2.1.1.28; PENT; phenylethanolamine N-methyltransferase
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PNMT
Synonyms	PENT
Function	Catalyzes the transmethylation of norepinephrine (noradrenaline) to form epinephrine (adrenaline), using S-adenosyl-L- methionine as the methyl donor (PubMed: 20496117). Other substrates include phenylethanolamine and

octopamine (PubMed:[16277617](#), PubMed:[16363801](#), PubMed:[8812853](#)). Also methylates normetanephine (By similarity).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.