

Rabbit PNMT Polyclonal Antibody | anti-PNMT antibody

PNMT Antibody

CATALOG # AAA327094	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

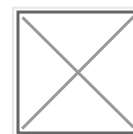
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PNMT antibody detects endogenous levels of total PNMT
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	282
Applicable Applications for anti-PNMT antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PNMT
Predicted Cross Reactivity	Horse
Similarity	Horse (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA327094 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of Hepg2 whole cell lysates, using PNMT Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PNMT antibody	Description: The product of this gene catalyzes the last step of the catecholamine biosynthesis pathway, which methylates norepinephrine to form epinephrine (adrenaline). The enzyme also has beta-carboline 2N-methyltransferase activity. This gene is thought to play a key step in regulating epinephrine production. Alternatively spliced transcript variants have been found for this gene. Function: Converts noradrenaline to adrenaline. Similarity: Belongs to the class I-like SAM-binding methyltransferase superfamily. NNMT/PNMT/TEMT family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505921
NCBI GeneID	5409
NCBI Accession #	NP_002677.1
NCBI GenBank Nucleotide #	NM_002686.4
UniProt Accession #	P11086
Molecular Weight	Observed: 30 kDa Predicted: 31 kDa
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

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pnmt-antibody-immunohistochemistry-western-blot-elisa/327094>