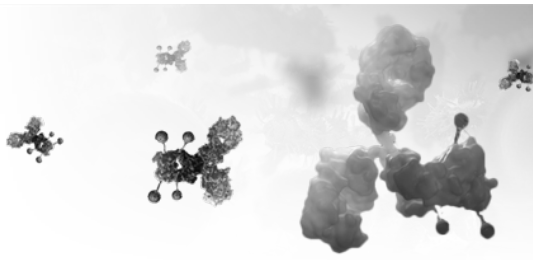

Anti-PNMT polyclonal antibody (DPAB2386GB)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to PNMT
Antigen Description	Phenylethanolamine N-methyltransferase (PNMT) is an enzyme found in the adrenal medulla that converts Norepinephrine (Noradrenaline) to Epinephrine (Adrenaline).
Specificity	Phenylethanolamine-N-methyltransferase (PNMT) is an enzyme converting noradrenaline to adrenaline. The enzyme is present in adrenomedullary cells and in the brain neurons. Absorption with 10-100 µg immunogen per ml diluted antiserum abolishes the staining
Immunogen	Phenylethanolamine-N-methyltransferase from bovine adrenal medulla (Sigma)
Source/Host	Guinea pig
Species Reactivity	Bovine
Conjugate	Unconjugated
Applications	IHC-Fr, IHC (PFA fixed)
Positive Control	DEPC-fixed paraffin sections of rat adrenal gland
Format	Undiluted guinea pig serum (lyoph.)
Size	50 µl
Buffer	Dissolve the antiserum in 50 - 100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.1% NaN3.
Preservative	0.1% Sodium Azide
Storage	At 2-8℃ (undiluted) or at -20℃ (aliquots)

GENE INFORMATION

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Gene Name	PNMT phenylethanolamine N-methyltransferase [Bos taurus]
Official Symbol	PNMT
Synonyms	PNMT; phenylethanolamine N-methyltransferase; PNMTase; noradrenaline N-methyltransferase; NP_803471.2; EC 2.1.1.28
Entrez Gene ID	281413
Protein Refseq	NP_803471
UniProt ID	G3N083
Pathway	Amine-derived hormones; Catecholamine biosynthesis; Catecholamine biosynthesis, tyrosine => dopamine => noradrenaline => adrenaline; Metabolic pathways; Metabolism; Metabolism of amino acids and derivatives; Tyrosine metabolism; catecholamine biosynthesis
Function	methyltransferase activity; phenylethanolamine N-methyltransferase activity; transferase activity

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