

Product datasheet for **TA350293**

PNMT Rabbit Polyclonal Antibody

Product data:

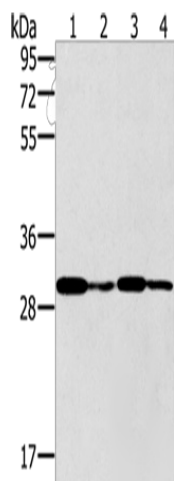
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: K562 cells and human liver cancer tissue, Jurkat and A549 cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PNMT
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	phenylethanolamine N-methyltransferase
Database Link:	NP_002677 Entrez Gene 18948 Mouse Entrez Gene 24661 Rat Entrez Gene 5409 Human P11086
Background:	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.
Synonyms:	PENT; PNMTase
Protein Families:	Druggable Genome



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Protein Pathways: Metabolic pathways, Tyrosine metabolism

Product images:



Gel: 10%SDS-PAGE

Lysate: 40 μ g

Lane 1-4: K562 cells

human liver cancer tissue

Jurkat cells

A549 cells

Primary antibody: TA350293 (PNMT Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds