

Datasheet for ABIN954226
anti-PNMT antibody (N-Term)

2 Images

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Overview

Quantity:	0.1 mL
Target:	PNMT
Binding Specificity:	AA 1-282, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PNMT antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human PNMT (1-282aa) purified from E. coli
Clone:	AT1C11
Isotype:	IgG1
Specificity:	The antibody recognizes human PNMT. Other species not tested.
Purification:	Protein-G affinity chromatography

Target Details

Target:	PNMT
Alternative Name:	PNMT / PENT (PNMT Products)
Background:	Phenylethanolamine N-methyltransferase (PNMT) catalyzes the synthesis of epinephrine and

Target Details

plays an important role in regulating cardiovascular function. Expression of PNMT is regulated by hormonal and neural stimuli because its promoter contains sequences responding to cholinergic and depolarization stimuli. PNMT is the final enzyme in the catecholamine pathway, catalyzing the conversion of norepinephrine to epinephrine using as the cosubstrate and methyl donor, S-adenosylmethionine. Synonyms: Noradrenaline N-methyltransferase, PNMTase, Phenylethanolamine N-methyltransferase

Gene ID: 5409

NCBI Accession: [NP_002677](#)

UniProt: [P11086](#)

Pathways: [Response to Water Deprivation](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

Buffer: PBS, pH 7.4, containing 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

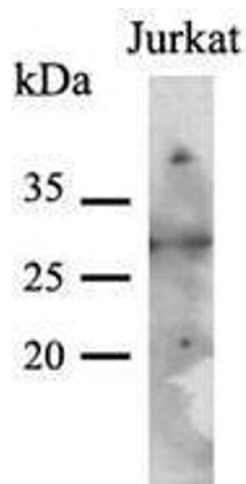


Image 1.

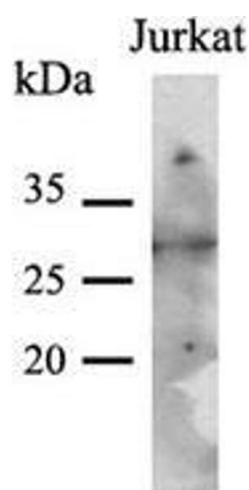


Image 2.