

PNMT rabbit monoclonal antibody

Catalog # H00005409-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PNMT peptide using ARM Technology.
Immunogen	A synthetic peptide of human PNMT is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PNMT peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PNMT

Entrez GeneID	5409
GeneBank Accession#	PNMT
Gene Name	PNMT
Gene Alias	MGC34570, PENT, PNMTase
Gene Description	phenylethanolamine N-methyltransferase
Omim ID	171190
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000164271 noradrenaline N-methyltransferase phenylethanolamine N-methylase

Pathway

- [Metabolic pathways](#)
- [Tyrosine metabolism](#)

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Behavior Therapy](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Personality Inventory](#)
- [Reward](#)
- [Weight Loss](#)