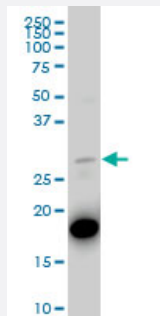


PNMT polyclonal antibody (A01)

Catalog # H00005409-A01

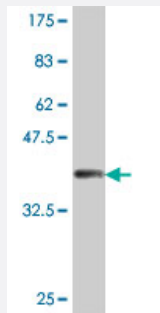
Size 50 uL

Applications



Western Blot (Cell lysate)

PNMT polyclonal antibody (A01), Lot # 051128JC01 Western Blot analysis of PNMT expression in IMR-32 (Cat # L008V1).



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PNMT.
Immunogen	PNMT (NP_002677, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag.
Sequence	MSGADRSPNAGAAPDSAPGQAAVASAYQRFEPRAYLRNNYAPPRGDLCPNGVGPWKLRLCLA QTFATGEVSGRTLIDIGSGPTVYQLLSACSHFEDITMTDFLEVNRQEL
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .

Storage Buffer	50 % glycerol
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Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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Applications

- Western Blot (Cell lysate)

PNMT polyclonal antibody (A01), Lot # 051128JC01 Western Blot analysis of PNMT expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PNMT

Entrez GeneID	5409
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GeneBank Accession#	NM_002686
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Protein Accession#	NP_002677
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Gene Name	PNMT
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Gene Alias	MGC34570, PENT, PNMTase
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Gene Description	phenylethanolamine N-methyltransferase
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Omim ID	171190
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Gene Ontology	Hyperlink
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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]
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Other Designations	OTTHUMP00000164271 noradrenaline N-methyltransferase phenylethanolamine N-methylase
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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](#)