

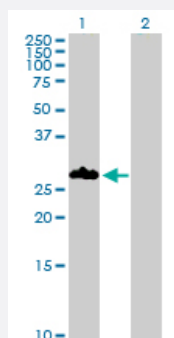
MaxPab®

PNMT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005409-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PNMT expression in transfected 293T cell line ([H00005409-T02](#)) by PNMT MaxPab polyclonal antibody.

Lane 1: PNMT transfected lysate(30.90 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PNMT protein.

Immunogen

PNMT (NP_002677.1, 1 a.a. ~ 282 a.a) full-length human protein.

Sequence

MSGADRSPNAGAAPDSAPGQAAVASAYQRFEPRAYLRNNYAPPRGDLCPNGVGPWKLRCCLA
QTFATGEVSGRTLIDIGSGPTVYQLLSACSHFEDITMTDFLEVNRQELGRWLQEEPGAFNWSMYS
QHACLIEGKGECWQDKERQLRARVKRVLPIDVHQPPGLGAGSPAPLPADALVSAFCLEAVSPDL
ASFQRALDHITLLRPGGHLLIGALEESWYLAGEARLTVVPVSEEEVREALVRSGYKVRDLRTYIM
PAHLQTGVDDVKGVFFAWAQKVGL

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PNMT expression in transfected 293T cell line ([H00005409-T02](#)) by PNMT MaxPab polyclonal antibody.

Lane 1: PNMT transfected lysate(30.90 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PNMT

Entrez GeneID	5409
GeneBank Accession#	NM_002686.2
Protein Accession#	NP_002677.1
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](#)
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- [Reward](#)
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