

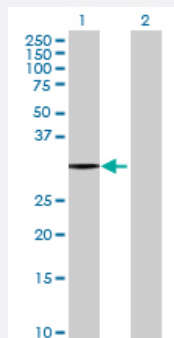
MaxPab®

HNMT MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003176-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HNMT expression in transfected 293T cell line ([H00003176-T01](#)) by HNMT MaxPab polyclonal antibody.

Lane 1: HNMT transfected lysate(32.12 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HNMT protein.
Immunogen	HNMT (AAH20677.1, 1 a.a. ~ 292 a.a) full-length human protein.
Sequence	MASSMRSLFSDHGKYVESFRRFLNHSTEHQCMQEFMDKKLPGIIGRIDTKSEIKLSIGGGAGEID LQILSKVQAQYPGVCINNEVVEPSAEQIAKYKELVAKTSNLENVKFAWHKETSSEYQSRMLEKKEL QKWDFIHMIQMLYYVKDIPATLKFFHSLGNTAKMLIIVSGSSGWDKLWKKYGSRFPQDDLCQYT SDDL TQMLDNLGLKYECYDLLSTMDISDCFIDGDENGDLLWDFLTETCNFNATAPPDLRAELGKD LQEPEFSAKKEGKVLFNNTLSFVIEA
Host	Mouse
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.

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[Protocol Download](#)

Gene Info — HNMT

Entrez GeneID	3176
GeneBank Accession#	BC020677.1
Protein Accession#	AAH20677.1
Gene Name	HNMT
Gene Alias	HMT, HNMT-S1, HNMT-S2
Gene Description	histamine N-methyltransferase
Omim ID	600807 605238
Gene Ontology	Hyperlink
Gene Summary	In mammals, histamine is metabolized by two major pathways: N(tau)-methylation via histamine N-methyltransferase and oxidative deamination via diamine oxidase. This gene encodes the first enzyme which is found in the cytosol and uses S-adenosyl-L-methionine as the methyl donor. In the mammalian brain, the neurotransmitter activity of histamine is controlled by N(tau)-methylation as diamine oxidase is not found in the central nervous system. A common genetic polymorphism affects the activity levels of this gene product in red blood cells. Multiple alternatively spliced transcript variants that encode different proteins have been found for this gene. [provided by RefSeq]
Other Designations	-

Pathway

- [Histidine metabolism](#)

Disease

- [Alcoholism](#)
- [Angioneurotic Edema](#)
- [Asthma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Colitis](#)
- [Dermatitis](#)
- [Disease Progression](#)
- [Duodenal Ulcer](#)
- [Essential tremor](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Kidney Failure](#)
- [Migraine Disorders](#)
- [Multiple Sclerosis](#)
- [Parkinson disease](#)
- [Personality Tests](#)
- [Psychiatric Status Rating Scales](#)

- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Stomach Ulcer](#)
- [Tobacco Use Disorder](#)
- [Urticaria](#)
- [Weight Gain](#)