

DNAxPAb

Hard-to-Find
Antibody

HNMT DNAxPab

Catalog # H00003176-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HNMT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASSMRSLFSDHGKYVESFRRFLNHSTEHQCMQEFMDKKLPGIIGRIGDTKSEIKLSIGGGAGEID LQILSKVQAQYPGVCINNEVVEPSAEQIAKYKELVAKTSNLENVKFAWHKETSSEYQSRMLEKKEL QKWDFIHMIMQLYYVKDIPATLKFFHSLGNTAKMLIIVSGSSGWDKLWKKYGSFRFPQDDLCQYT SDDLQMLDNLGLKYECYDLLSTMDISDCFIDGDENGDLLWDFLTETCNFNATAPDLRAELGKD LQEPEFSAKKEGKVLFNNTLSFMIEA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)