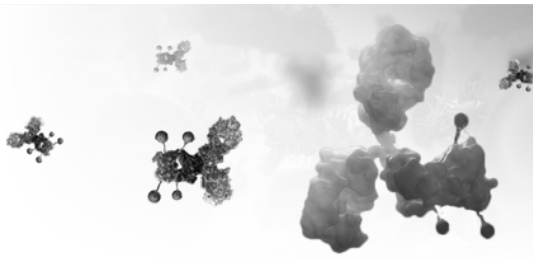

Anti-HNMT (full length) polyclonal antibody (DPAB-DC1582)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	HNMT (AAH05907, 1 a.a. ~ 51 a.a) full-length recombinant protein with GST tag. The sequence is MASSMRSLFSDHGKYVESFRRFLNHSTEHQCMQEFMDKKLPGIIGRYQNCC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	HNMT histamine N-methyltransferase [Homo sapiens (human)]
Official Symbol	HNMT
Synonyms	HNMT; histamine N-methyltransferase; HMT; HNMT-S1; HNMT-S2;
Entrez Gene ID	3176
Protein Refseq	NP_001019245
UniProt ID	P50135
Chromosome Location	2q22.1
Pathway	Histidine metabolism; histamine degradation; metapathway biotransformation;
Function	histamine N-methyltransferase activity;

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