

Datasheet for ABIN2798592 **anti-HNMT antibody (N-Term)**

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	HNMT
Binding Specificity:	AA 29-58, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNMT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit Anti-Human HNMT (N-term) Antibody
Immunogen:	This HNMT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-58 amino acids from the N-terminal region of human HNMT.
Isotype:	Ig Fraction

Target Details

Target:	HNMT
Alternative Name:	HNMT (HNMT Products)
Background:	Target Description: In mammals, histamine is metabolized by two major pathways: N(tau)-methylation via histamine N-methyltransferase and oxidative deamination via diamine oxidase. HNMT is the first enzyme which is found in the cytosol and uses S-adenosyl-L-methionine as

Target Details

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.

Gene Symbol: HNMT

Molecular Weight:	33295 Da
Gene ID:	3176
UniProt:	P50135

Application Details

Application Notes:	Immunofluorescence, Western Blot, Immunohistochemistry
	Recommended Dilutions
	IF: 1:10-50, WB: 1:1000, IHC: 1:10-50Confocal immunofluorescent analysis of HNMT Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	2.0 mg/mL
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C (short-term), -20°C (long-term)