Datasheet for ABIN5516047

anti-HNMT antibody (C-Term)

Go to Product page

Overview

Quantity:	100 µL
Target:	HNMT
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNMT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human HNMT
Sequence:	SGWDKLWKKY GSRFPQDDLC QYITSDDLTQ MLDNLGLKYE CYDLLSTMDI
Characteristics:	This is a rabbit polyclonal antibody against HNMT. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	HNMT
Alternative Name:	HNMT (HNMT Products)
Background:	In mammals, histamine is metabolized by two major pathways: N(tau)-methylation via histamine N-methyltransferase and oxidative deamination via diamine oxidase. This gene

Target Details

	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. Alias Symbols: HNMT, Protein Interaction Partner: CAMK2D, DSP, TINF2, POT1, TERF1, Protein Size: 292
Gene ID:	3176
NCBI Accession:	NP_008826
UniProt:	P50135

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.