

Datasheet for ABIN929287
anti-HNMT antibody (N-Term)



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1 Image

Overview

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

Product Details

Immunogen:	HNMT antibody was raised in rabbit using the N terminal of HNMT as the immunogen
Purification:	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 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.

Target Details

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. Synonyms: Polyclonal HNMT antibody, Anti-HNMT antibody, histamine N-methyltransferase antibody, HMT antibody, HNMT-S1 antibody, HNMT-S2 antibody.

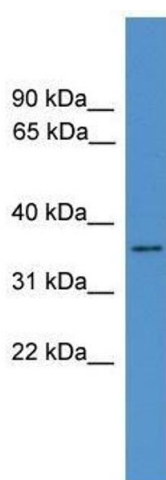
Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	HNMT Blocking Peptide, catalog no. 33R-7107, is also available for use as a blocking control in assays to test for specificity of this HNMT antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. HNMT antibody used at 0.2-1 ug/ml to detect target protein.