

Datasheet for ABIN356933
anti-HNMT antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	HNMT
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNMT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human HNMT.
Isotype:	Ig Fraction
Specificity:	This antibody detects HNMT at N-term.
Purification:	Protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	HNMT
Alternative Name:	HNMT / HMT (HNMT Products)

Target Details

Background: 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 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. Synonyms: Histamine N-methyltransferase

Molecular Weight: 33295 Da

Gene ID: 3176, 9606

UniProt: [P50135](#)

Application Details

Application Notes: ELISA 1: 1,000. Western blot 1: 50 - 1: 100. Immunohistochemistry 1: 10 - 1: 50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

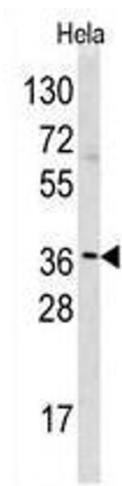


Image 1.

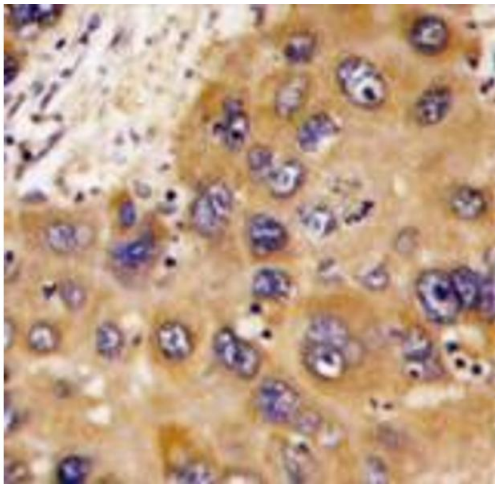


Image 2.