

HNMT Rabbit Polyclonal Antibody



CAB13499

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

33kDa

Calculated MW:

6kDa/14kDa/33kDa

Applications:

WB IHC IP

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IP 1:20 - 1:50

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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. 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 information

Gene ID:

3176

Uniprot

P50135

Synonyms:

HNMT; HMT; HNMT-S1; HNMT-S2; MRT51

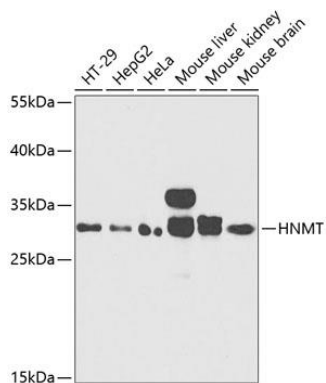
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-292 of human HNMT (NP_008826.1).

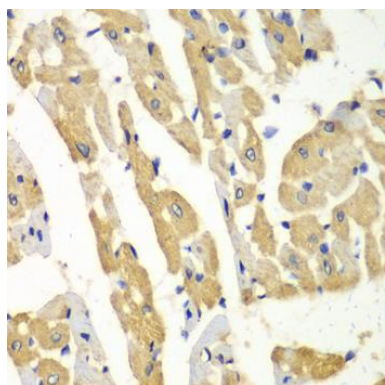
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

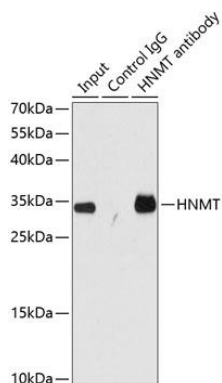
Product Images



Western blot analysis of extracts of various cell lines, using HNMT antibody (CAB13499) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded mouse heart using HNMT antibody (CAB13499) at dilution of 1:100 (40x lens).



Immunoprecipitation analysis of 200ug extracts of HT-29 cells using 1ug HNMT antibody (CAB13499). Western blot was performed from the immunoprecipitate using HNMT antibody (CAB13499) at a dilution of 1:1000.