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HNMT Rabbit pAb

Catalog No.: A13499

Basic Information

Observed MW
33kDa

Calculated MW
33kDa

Category
Primary antibody

Applications
ELISA,WB,IP

Cross-Reactivity
Human, Mouse

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.

Recommended Dilutions

WB	1:500 - 1:2000
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

Immunogen Information

Gene ID
3176

Swiss Prot
P50135

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

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

Contact

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Product Information

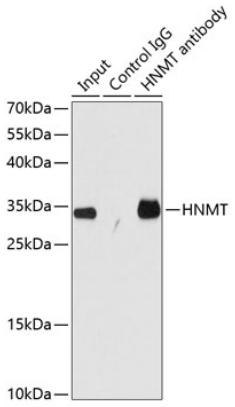
Source
Rabbit

Isotype
IgG

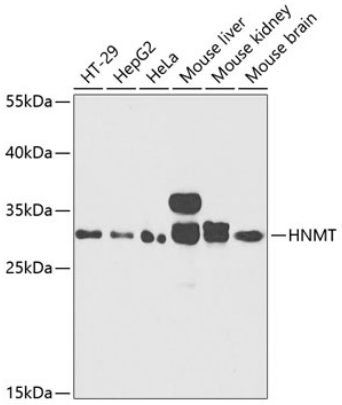
Purification
Affinity purification

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

Validation Data



Immunoprecipitation analysis of 200 μg extracts of HT-29 cells using 1 μg HNMT antibody (A13499). Western blot was performed from the immunoprecipitate using HNMT antibody (A13499) at a dilution of 1:1000.



Western blot analysis of various lysates using HNMT Rabbit pAb (A13499) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.

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