

HNMT Antibody

Catalog No: #32688

Package Size: #32688-1 50ul #32688-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

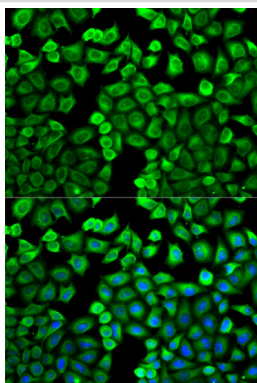
Description

Product Name	HNMT Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total HNMT protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human HNMT (NP_008826.1).
Target Name	HNMT
Other Names	HNMT;HMT;HNMT-S1;HNMT-S2;MRT51
Accession No.	Uniprot:P50135GenelD:3176
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GenelD	3176
SDS-PAGE MW	33kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

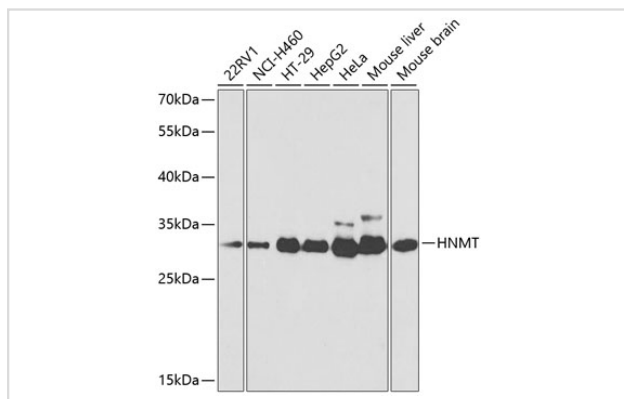
Application Details

WB \square 1:500 - 1:2000 IF \square 1:50 - 1:100

Images



Immunofluorescence analysis of U2OS cells using HNMT antibody.



Western blot analysis of extracts of various cell lines, using HNMT antibody.

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.

Note: This product is for in vitro research use only