

HNMT Polyclonal Antibody

Catalog number: 11874-1-AP

Size: 67 µg/150 µl

Source: Rabbit

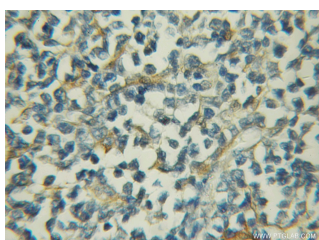
Isotype: IgG

Synonyms:

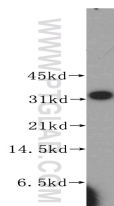
HNMT; histamine N

methyltransferase, HMT,

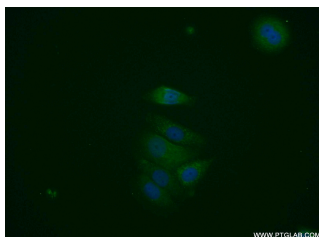
HNMT, HNMT S1, HNMT S2



Immunohistochemical of paraffin-embedded human lymphoma using 11874-1-AP (HNMT antibody) at dilution of 1:50 (under 10x lens)



human liver tissue were subjected to SDS PAGE followed by western blot with 11874-1-AP (HNMT antibody) at dilution of 1:400



Immunofluorescent analysis of MCF-7 cells using 11874-1-AP (HNMT Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

HNMT, a histamine-metabolizing enzyme, inactivates histamine by N-methylation. It plays an important role in degrading histamine and in regulating the airway response to histamine. HNMT in human astrocytes play a role in the regulation of extraneuronal histamine concentration and the activities of histaminergic neurons.

Applications

Tested applications:	ELISA, WB, IHC, IF
Cited applications:	IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated HNMT MW:	292aa, 33 kDa
Observed HNMT MW:	33 kDa
Positive WB detected in	Human liver tissue, mouse liver tissue
Positive IHC detected in	Human lymphoma tissue
Positive IF detected in	MCF-7 cells
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2462
GenBank accession number:	BC020677
Gene ID (NCBI):	3176
Full name:	Histamine N-methyltransferase

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.