

Rabbit anti-Human, Mouse HNMT Polyclonal Antibody | anti-HNMT antibody

HNMT Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37544	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

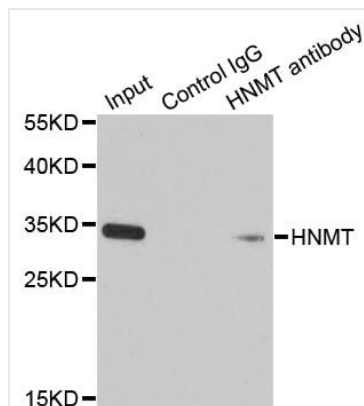
PRODUCT SYNONYMS

HNMT; Polyclonal Antibody; HNMT Polyclonal Antibody; HMT; HNMT-S1; HNMT-S2; anti-HNMT antibody

PRODUCT SPECIFICATIONS

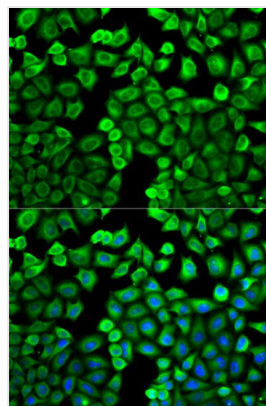
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	292
Applicable Applications for anti-HNMT antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human HNMT
Calculated Molecular Weight	33kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



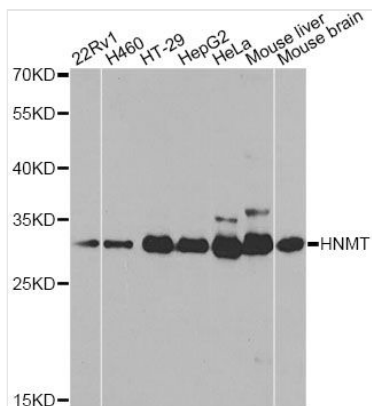
IP (Immunoprecipitation)

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



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using HNMT antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HNMT antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-HNMT antibody	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.
Product Categories/Family for anti-HNMT antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1708272
NCBI GeneID	3176
UniProt Accession #	P50135; Q546Z6; Q7Z7I2; Q8IU56; Q8WW98; Q9BRW6; B2R9J3
Molecular Weight	292
NCBI Official Full Name	Histamine N-methyltransferase
NCBI Official Synonym Full Names	histamine N-methyltransferase
NCBI Official Symbol	HNMT
NCBI Official Synonym Symbols	HMT; HNMT-S1; HNMT-S2
NCBI Protein Information	histamine N-methyltransferase
UniProt Protein Name	Histamine N-methyltransferase
UniProt Gene Name	HNMT
UniProt Synonym Gene Names	HMT
UniProt Entry Name	HNMT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hnmt-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37544>