

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

HNMT Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174256	Rabbit	Human, Mouse	Immunoprecipitation, Immunohistochemistry, Western Blot

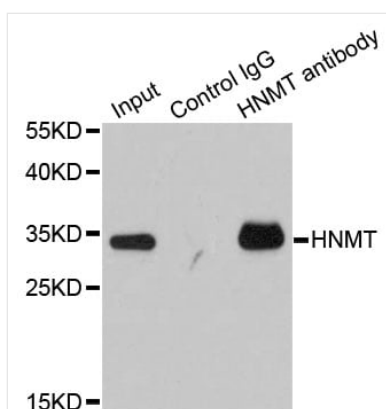
PRODUCT SYNONYMS

HNMT; Polyclonal Antibody; HNMT Polyclonal Antibody; EC 2.1.1.8; Histamine N methyltransferase; Histamine N-methyltransferase; HMT; HNMT S1; HNMT S2; anti-HNMT antibody

PRODUCT SPECIFICATIONS

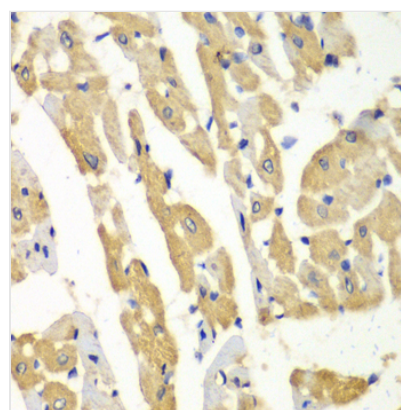
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	126
Applicable Applications for anti-HNMT antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human HNMT
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



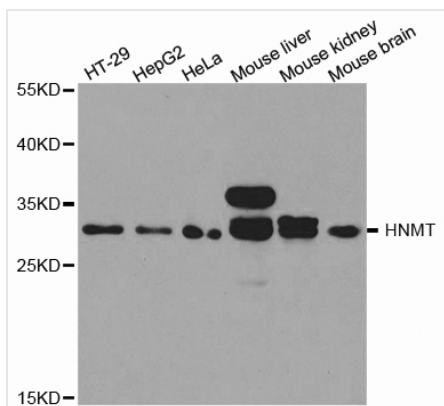
IP (Immunoprecipitation)

Immunoprecipitation analysis of 200ug extracts of HT-29 cells using 1ug HNMT antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using HNMT antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using HNMT antibody.

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	Cancer ; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	66932963
NCBI GeneID	3176
NCBI Accession #	NP_001019245.1
NCBI GenBank Nucleotide #	NM_001024074.2
UniProt Accession #	P50135 ; Q546Z6 ; Q7Z7I2 ; Q8IU56 ; Q8WW98 ; Q9BRW6 ; B2R9J3
Molecular Weight	Calculated: 6kDa; 14kDa; 33kDa Observed: 27kDa
NCBI Official Full Name	histamine N-methyltransferase isoform 2
NCBI Official Synonym Full Names	histamine N-methyltransferase
NCBI Official Symbol	HNMT
NCBI Official Synonym Symbols	HMT; MRT51; 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

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.