

ARG56213
anti-HNMT antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes HNMT
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	432CT31.4.2
Isotype	IgG1
Target Name	HNMT
Species	Human
Immunogen	Purified His-tagged HNMT protein fragment.
Conjugation	Un-conjugated
Alternate Names	HMT; Histamine N-methyltransferase; EC 2.1.1.8; HNMT-S1; HNMT-S2

Application Instructions

Application table	Application	Dilution
	WB	1:100 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2	

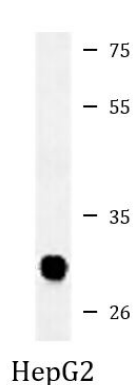
Properties

Form	Liquid
Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 3176 Human Swiss-port # P50135 Human
Gene Symbol	HNMT
Gene Full Name	histamine N-methyltransferase
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. [provided by RefSeq, Jul 2008]
Function	Inactivates histamine by N-methylation. Plays an important role in degrading histamine and in regulating the airway response to histamine. [UniProt]
Calculated Mw	33 kDa
Cellular Localization	Cytoplasm.

Images



ARG56213 anti-HNMT antibody WB image

Western blot: 35 µg of HepG2 cell lysate stained with ARG56213 anti-HNMT antibody.