HNMT Antibody(Ascites)

Catalog_no：	AB0705
Applications：	WB
Reactivity：	H
Category：	抗原抗体
Size：	100μL/50μL
Immunogen：	HUMAN
Specificity：	Purified His-tagged HNMT protein(Fragment) was used to produced this monoclonal antibody.
Dilution：	WB,1:100~8000;
Purification：	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Other_name：	Histamine N-methyltransferase, HMT, HNMT
Isotype：	IgG1
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.
reference：	Stevenson, J., et al. Am J Psychiatry 167(9):1108-1115(2010) Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Davila, S., et al