

For Research Use Only

HNMT Recombinant antibody, PBS Only

Catalog Number: 84777-3-PBS



Basic Information

Catalog Number: 84777-3-PBS	GenBank Accession Number: BC020677	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 3176	CloneNo.: 242159E3
Source: Rabbit	UNIPROT ID: P50135	
Isotype: IgG	Full Name: histamine N-methyltransferase	
Immunogen Catalog Number: AG2462	Calculated MW: 292 aa, 33 kDa	
	Observed MW: 30-33 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

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.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

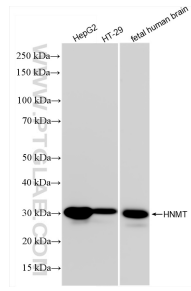
T: 4006900926

E: Proteintech-CN@ptglab.com

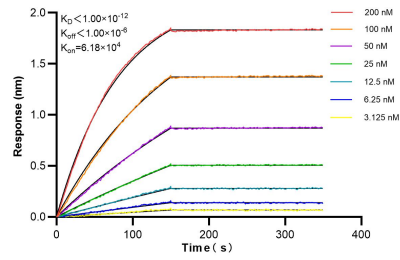
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84777-3-RR (HNMT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84777-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84777-3-RR against Human HNMT were performed. The affinity constant is below 1 pM.