

For Research Use Only

HNMT Recombinant antibody, PBS Only

Catalog Number: 84777-3-PBS



Basic Information

Catalog Number:

84777-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2462

GenBank Accession Number:

BC020677

GeneID (NCBI):

3176

UNIPROT ID:

P50135

Full Name:

histamine N-methyltransferase

Calculated MW:

292 aa, 33 kDa

Observed MW:

30-33 kDa

Purification Method:

Protein A purification

CloneNo.:

242159E3

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.

Storage Buffer:

PBS Only

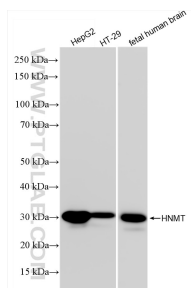
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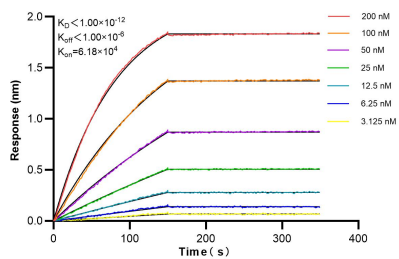
E: proteintech@ptglab.com
W: ptglab.com

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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.