

For Research Use Only

HNMT Recombinant antibody

Catalog Number: 84777-3-RR



Basic Information

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| Catalog Number: 84777-3-RR | GenBank Accession Number: BC020677 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 3176 | CloneNo.: 242159E3 |
| Source: Rabbit | UNIPROT ID: P50135 | Recommended Dilutions: WB 1:5000-1:50000 |
| Isotype: IgG | Full Name: histamine N-methyltransferase | |
| Immunogen Catalog Number: AG2462 | Calculated MW: 292 aa, 33 kDa | |
| | Observed MW: 30-33 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : HepG2 cells, |
| 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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

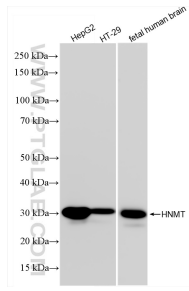
T: 4006900926

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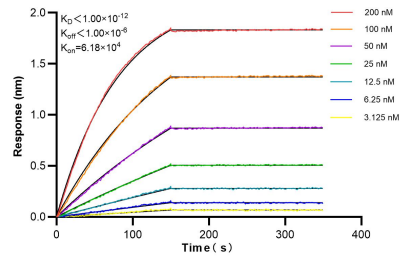
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Selected Validation Data



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.



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