

For Research Use Only

PNMT Recombinant antibody, PBS Only (Detector)

Catalog Number: 83979-1-PBS



Basic Information

Catalog Number:

83979-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4098

GenBank Accession Number:

BC037246

GeneID (NCBI):

5409

UNIPROT ID:

P11086

Full Name:

phenylethanolamine N-methyltransferase

Calculated MW:

282 aa, 31 kDa

Purification Method:

Protein A purification

CloneNo.:

241111C4

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Background Information

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, pH7.3

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

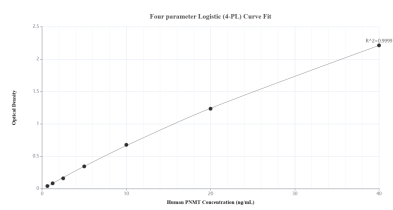
T: 4006900926

E: Proteintech-CN@ptglab.com

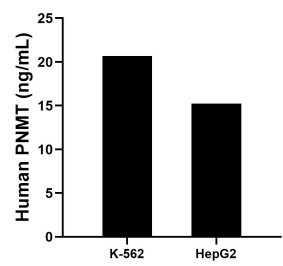
W: ptgcn.com

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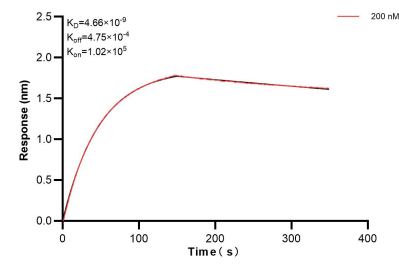
Selected Validation Data



Sandwich ELISA standard curve of MP00874-4, Human PNMT Recombinant Matched Antibody Pair - PBS only. 83979-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4098. 83979-1-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



The mean PNMT concentration was determined to be 20.67 ng/mL in K-562 cell extract based on a 4.50 mg/mL extract load and 15.23 ng/mL in HepG2 cell extract based on a 5.00 mg/mL extract load.



Biolayer interferometry (BLI) kinetic assay of 83979-1-PBS against Human PNMT was performed. The affinity constant is 4.66 nM.