For Research Use Only

PEMT Recombinant antibody, PBS Only

Catalog Number:85099-1-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
85099-1-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG8034

GenBank Accession Number:
BC050593

GeneID (NCBI):
10400

UNIPROT ID:
Q9UBM1

Full Name:
phosphatidylethanolamine N-methyltransferase

Calculated MW:
26 kDa

Observed MW:
22-25 kDa

Purification Method:
Protein A purfication

CloneNo.:
242150D5

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

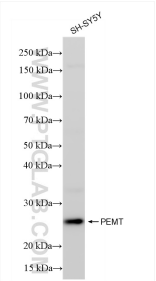
PEMT Catalyzes the three sequential steps of the methylation pathway for the biosynthesis of phosphatidylcholine, a critical and essential component for membrane structure (PMID:12431977, 15927961).

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

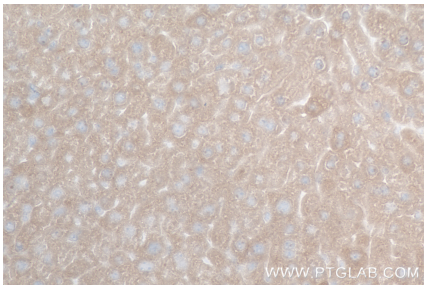
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data

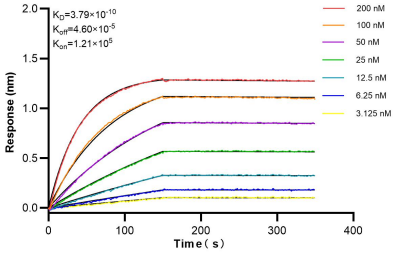


SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 85099-1-RR (PEMT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85099-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 85099-1-RR (PEMT antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85099-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 85099-1-RR (PEMT antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85099-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85099-1-RR against Human PEMT were performed. The affinity constant is 0.379 nM.