

For Research Use Only

PEMT Recombinant antibody, PBS Only

Catalog Number:85099-1-PBS



Basic Information

Catalog Number: 85099-1-PBS	GenBank Accession Number: BC050593	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10400	CloneNo.: 242150D5
Source: Rabbit	UNIPROT ID: Q9UBM1	
Isotype: IgG	Full Name: phosphatidylethanolamine N-methyltransferase	
Immunogen Catalog Number: AG8034	Calculated MW: 26 kDa	
	Observed MW: 22-25 kDa	

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.

Storage Buffer:
PBS Only

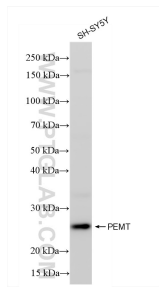
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

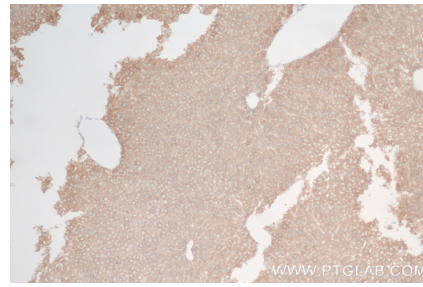
E: proteintech@ptglab.com
W: ptglab.com

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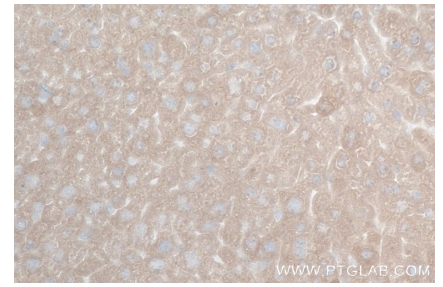
Selected Validation Data



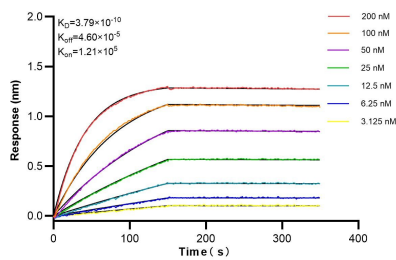
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 85099-1-RR (PEMT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85099-1-PBS in a different storage buffer formulation.



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.



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