

For Research Use Only

PLTP Recombinant antibody

Catalog Number: 84592-1-RR



Basic Information

Catalog Number: 84592-1-RR	GenBank Accession Number: BC005045	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 5360	CloneNo.: 241583F3
Source: Rabbit	UNIPROT ID: P55058	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:400-1:1600
Isotype: IgG	Full Name: phospholipid transfer protein	
Immunogen Catalog Number: AG8171	Calculated MW: 493 aa, 55 kDa Observed MW: 55 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse brain tissue, rat brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse brain tissue,

Background Information

PLTP (phospholipid transfer protein) belongs to the family of lipid-binding and lipid-transfer proteins. PLTP is involved in the distribution and metabolism of high-density lipoprotein (HDL) and reverse cholesterol transfer (RCT). In plasma, PLTP catalyzes the transfer of phospholipids (mainly phosphatidylcholine) between lipoproteins (PMID: 29558025). PLTP has a predicted protein molecular mass of approximately 55 kDa, and molecular weights of 70-80 kDa can also be detected in some literature (PMID: 26160914; 36312255; 29680823; 15342679; 7654777).

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:

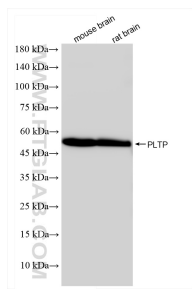
T: 4006900926

E: Proteintech-CN@ptglab.com

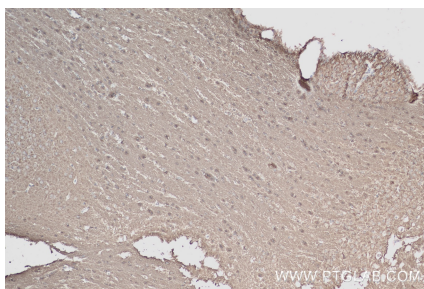
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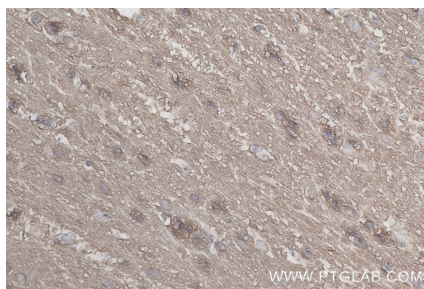
Selected Validation Data



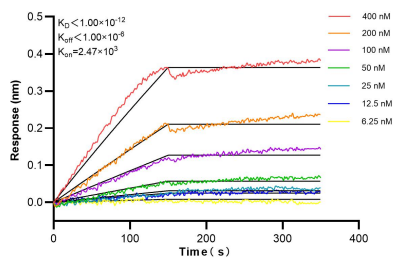
Various lysates were subjected to SDS PAGE followed by western blot with 84592-1-RR (PLTP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 84592-1-RR (PLTP antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 84592-1-RR (PLTP antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 84592-1-RR against Human PLTP were performed. The affinity constant is below 1 pM.