

For Research Use Only

Prealbumin/transthyretin Recombinant antibody

Catalog Number: 86273-1-RR



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
86273-1-RR	NM_000371.4	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 µg/ml by Nanodrop;	7276	250820B6
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P02766	WB: 1:500-1:2000
Isotype:	Full Name:	
IgG	transthyretin	
Immunogen Catalog Number:	Calculated MW:	
EG0931	16 kDa	
	Observed MW:	
	16 kDa	

Applications

Tested Applications:	Positive Controls:
WB, ELISA	WB : human placenta tissue, fetal human brain tissue
Species Specificity:	
human	

Background Information

Transthyretin (TTR) is a plasma transport protein for thyroxine and retinol, through the association with retinol-binding protein. It is a homotetrameric protein synthesized mainly in liver, choroid plexus, retinal pigment epithelium, and pancreas. Within the CNS, TTR is the only known protein synthesized solely by the choroid plexus. Mutant and wildtype TTR give rise to various forms of amyloid deposition (amyloidosis). Defects in TTR are the cause of amyloidosis transthyretin-related (AMYL-TTR), hyperthyroxinemia dysransthyretinemic euthyroidal (HTDE) and carpal tunnel syndrome type 1 (CTS1). In addition, positive immunostaining for TTR has been reported as a sensitive diagnostic marker of choroid plexus tumors. However Western blot analysis using specific rabbit anti-mouse TTR reveals that TTR is absent from the cortex, hippocampus, and cerebellum and present in the choroid plexus. (PMID: 22103483, 16698124)

Storage

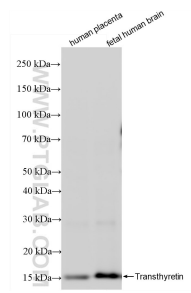
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1%BSA

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
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86273-1-RR (Transthyretin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.