

For Research Use Only

Prealbumin/transthyretin Recombinant antibody

Catalog Number: 86273-1-RR



Basic Information

Catalog Number:

86273-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0931

GenBank Accession Number:

NM_000371.4

GeneID (NCBI):

7276

UNIPROT ID:

P02766

Full Name:

transthyretin

Calculated MW:

16 kDa

Observed MW:

16 kDa

Purification Method:

Protein A purification

CloneNo.:

250820B6

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: human placenta tissue, fetal human brain tissue

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

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

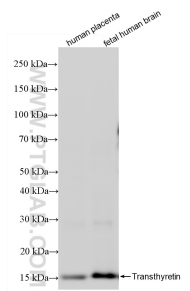
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Selected Validation Data



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.