

Transthyretin Polyclonal Antibody

Catalog Number LF-PA0102

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	Recombinant human protein purified from E.coli.	Immunoprecipitation (IP)	1 µL
Conjugate	Unconjugated	Western Blot (WB)	1:2,000
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

A suggested positive control for this product is rat liver.

Background/Target Information

Transthyretin (TTR), generally called prealbumin, is a plasma protein that plays an important role in physiology such as a transporter of hormone thyroxine and retinal-binding protein. After produced primarily in the liver, TTR is excreted into the plasma. TTR represents a disproportionate fraction (25%) of CSF protein, prompting the suggestion that it is either selectively transported across the blood-CSF barrier or synthesized de novo within the central nervous system. Transthyretin is a constituent found to the neuritic plaques, neurofibrillary tangles, and microangiopathic lesions of senile cerebral amyloid. It has been reported that more than 40 different mutations in the TTR gene associated with amyloid deposition.

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