

32-6239: Mouse Anti Human Transthyretin(Clone:PAT7B2AT.)

Clonality :	Monoclonal
Clone Name :	PAT7B2AT.
Application :	ELISA,WB
Gene :	TTR
Gene ID :	7276
Uniprot ID :	P02766
Format :	Purified
Alternative Name :	Transthyretin,ATTR,Prealbumin,TBPA,TTR,PALB,HsT2651.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human TTR mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human TTR amino acids 21-147 purified from E. coli.

Description

Transthyretin (TTR) is a circulating and abundant tetramer, which functions as a carrier protein of thyroid hormone and retinol binding protein. It is primarily produced in the liver, but also in the brain and eye. Mutations in the TTR gene cause the protein to dissociate into monomers that after misfolding assemble into amyloid fibrils deposits in a variety of organs. TTR is also the only gene known to be associated with familial TTR amyloidosis. The diseases that originate from mutations in the TTR gene include amyloidotic polyneuropathy, euthyroid hyperthyroxinaemia, amyloidotic vitreous opacities, cardiomyopathy, oculoleptomeningeal amyloidosis, meningocerebrovascular amyloidosis, carpal tunnel syndrome, etc.

Product Info

Amount :	20 µg
Purification :	TTR antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

TTR antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 3000. Recommended starting dilution is 1:500.