

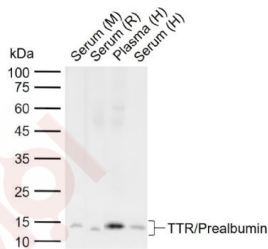
Anti-Transthyretin/Prealbumin Polyclonal Antibody

Product Details

Ig Type: IgG
Reactivity: Human, Mouse, Rat
Molecular Weight: Theoretical: 14 kDa. Actual: 14 kDa.
Purification: Protein A purified

Applications

Sample:
Lane 1: Mouse Serum
Lane 2: Rat Serum
Lane 3: Human Plasma
Verified Activity: Lane 4: Human Serum
Primary: Anti-TTR/Prealbumin (TMAB-01890) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 14 kDa
Observed band size: 14 kDa



Application: WB
Recommended WB: 1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Transthyretin
Antigen Species: Human
Gene ID: 7276
Synonyms: Prealbumin; Transthyretin; CTS; CTS1; TTR; HEL111; HsT2651; TBPA; ATTR; PALB
Biology Area: Tangles & Tau, Serum Proteins

Research Background

This gene encodes transthyretin, one of the three prealbumins including alpha-1-antitrypsin, transthyretin and

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orosomuroid. Transthyretin is a carrier protein; it transports thyroid hormones in the plasma and cerebrospinal fluid, and also transports retinol (vitamin A) in the plasma. The protein consists of a tetramer of identical subunits. More than 80 different mutations in this gene have been reported; most mutations are related to amyloid deposition, affecting predominantly peripheral nerve and/or the heart, and a small portion of the gene mutations is non-amyloidogenic. The diseases caused by mutations include amyloidotic polyneuropathy, euthyroid hyperthyroxinaemia, amyloidotic vitreous opacities, cardiomyopathy, oculoleptomeningeal amyloidosis, meningocerebrovascular amyloidosis, carpal tunnel syndrome, etc. [provided by RefSeq]

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