
TTR/TTR/Prealbumin Rabbit pAb

Catalog Number: bs-0152R

Target Protein: TTR/Prealbumin

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse, Rat

Predicted MW: 14 kDa

Subcellular: Secreted, Cytoplasm

Locations:

Entrez Gene: 7276

Source: KLH conjugated synthetic peptide derived from human Transthyretin: 51-147/147.

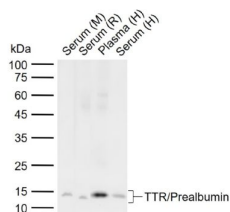
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes transthyretin, one of the three prealbumins including alpha-1-antitrypsin, transthyretin and orosomucoid. 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]

VALIDATION IMAGES



Sample: Lane 1: Mouse Serum Lane 2: Rat Serum Lane 3: Human Plasma Lane 4: Human Serum Primary: Anti-TTR/Prealbumin (bs-0152R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 14 kDa Observed band size: 14 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.5] Yan Shu. et al. Bioaccumulation and Thyroid Endocrine Disruption of 2-Ethylhexyl Diphenyl Phosphate at Environmental Concentration in Zebrafish Larvae. AQUAT TOXICOL. 2023 Dec;;106815 WB ; Zebrafish . 10.1016/j.aquatox.2023.106815

[IF=4.872] Dong X et al. PM2.5 disrupts thyroid hormone homeostasis through activation of the hypothalamic-pituitary-thyroid (HPT) axis and induction of hepatic transthyretin in female rats. Ecotoxicol Environ Saf.2021 Jan 15;208:111720. IHC,WB ; Rat . 33396051

[IF=4.1] Herrick-Davis, Katharine, et al. "Native Serotonin 5-HT_{2C} Receptors are Expressed as Homodimers on the Apical Surface of Choroid Plexus Epithelial Cells." Molecular Pharmacology (2015): mol-114. Other ; ="Rat" . 25609374

[IF=4.223] Dong, Xinwen. et al. Protective effects of curcumin against thyroid hormone imbalance after gas explosion-induced traumatic brain injury via activation of the hypothalamic-pituitary-thyroid axis in male rats. ENVIRON SCI POLLUT R. 2022 May;;1-13 WB,IHC ; Rat . 35641736

[IF=3.738] Zhou, Can-Can. et al. Lead Exposure in Developmental Ages Promotes A β Accumulation by Disturbing A β Transportation in Blood-Cerebrospinal Fluid Barrier/Blood-Brain Barriers and Impairing A β Clearance in the Liver. 2021 Nov 17 IHC ; Rat . 34787833