

Rabbit anti-Mouse, Rat Prealbumin Polyclonal Antibody | anti-Ttr antibody

Anti-Prealbumin Antibody

CATALOG # AAA46448	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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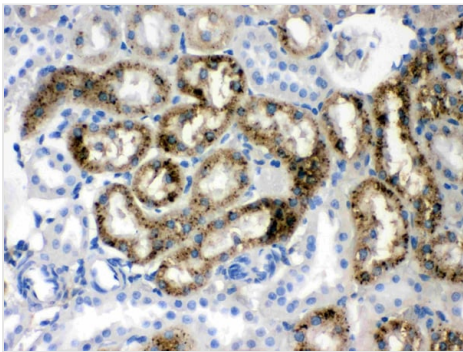
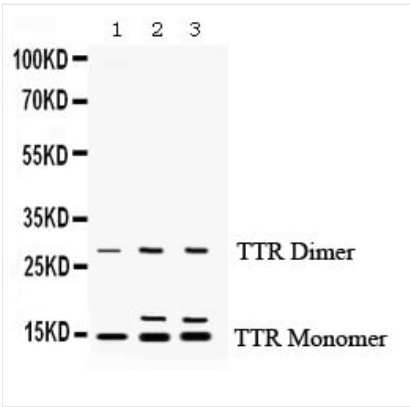
PRODUCT SYNONYMS

Prealbumin; Polyclonal Antibody; Anti-Prealbumin Antibody; Transthyretin; Amyloid polyneuropathy; Amyloidosis I; ATTR; Carpal tunnel syndrome 1; CTS; CTS1; Dysprealbuminemic euthyroidal hyperthyroxinemia; Dystransthyretinemic hyperthyroxinemia; Epididymis luminal protein 111; HEL111; HsT2651; PALB; Prealbumin amyloidosis type I; Prealbumin Thyroxine-binding; Senile systemic amyloidosis; TBPA; Thyroxine binding prealbumin; TTHY_HUMAN; TTR; TTR protein; transthyretin; anti-Ttr antibody

PRODUCT SPECIFICATIONS

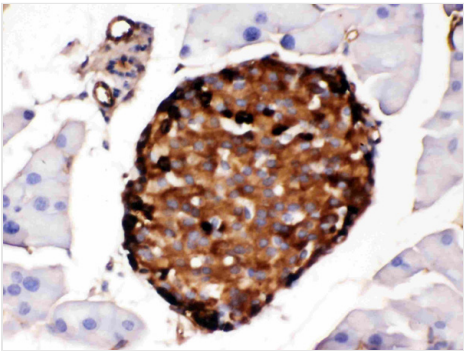
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	147
Applicable Applications for anti-Ttr antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived rat Prealbumin recombinant protein (Position: G21-N147). Rat Prealbumin shares 94.5% amino acid (aa) sequence identity with mouse Prealbumin.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Relevant Detection Systems	The lab recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG () for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit () for IHC(P)
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquoted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti- Prealbumin Picoband antibody, AAA46448,IHC(P)IHC(P): Rat Kidney Tissue

WB (Western Blot)
Anti- Prealbumin Picoband antibody, AAA46448, Western blottingAll lanes: Anti Prealbumin (AAA46448) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: Mouse Liver Tissue Lysate at 50ugLane 3: Mouse Testis Tissue Lysate at 50ugPredicted bind size: 14KD, 28KD, 55KDObserved bind size: 14KD, 28KD



IHC (Immunohistochemistry)
Anti- Prealbumin Picoband antibody, AAA46448,IHC(P)IHC(P): Mouse Pancreas Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-Ttr antibody	Background: Transthyretin (TTR) is also known as prealbumin. It is mapped to chromosome region 18q11.2-q12.1. This gene encodes a carrier protein responsible for the transport of thyroid hormones and retinol. The protein consists of a tetramer of identical subunits. Due to increased stability of the tetramer form of this encoded protein in mouse, compared to the human protein, this gene product has a reduced tendency to form amyloid fibrils. In humans, this protein binds beta-amyloid preventing its aggregation and providing a neuroprotective role in Alzheimer's disease.
References	1. Benson, M. D., Dwulet, F. E. Identification of carriers of a variant plasma prealbumin (transthyretin) associated with familial amyloidotic polyneuropathy type I. J. Clin. Invest. 75: 71-75, 1985. 2. Sparkes, R. S., Sasaki, H., Mohandas, T., Yoshioka, K., Klisak, I., Sakaki, Y., Heinzmann, C., Simon, M. I. Assignment of the prealbumin (PALB) gene (familial amyloidotic polyneuropathy) to human chromosome region 18q11.2-q12.1. Hum. Genet. 75: 151-154, 1987.

NCBI AND UNIPROT INFORMATION

NCBI GI #	333033763
NCBI GeneID	24856
NCBI Accession #	NP_036813.2
NCBI GenBank Nucleotide #	NM_012681.2
UniProt Accession #	P02767; Q547K9

NCBI Official Full Name	transthyretin
NCBI Official Synonym Full Names	transthyretin
NCBI Official Symbol	Ttr
NCBI Official Synonym Symbols	Lr1; Tbpa
NCBI Protein Information	transthyretin
UniProt Protein Name	Transthyretin
UniProt Gene Name	Ttr
UniProt Synonym Gene Names	Tt
UniProt Entry Name	TTHY_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prealbumin-antibody-immunohistochemistry-western-blot-elisa/46448>