

**Anti-Prealbumin Picoband Antibody**  
 Catalog # ABO12435

**Specification**

**Anti-Prealbumin Picoband Antibody - Product Information**

Application **IHC, WB**  
 Primary Accession [P02766](#)  
 Host **Rabbit**  
 Reactivity **Human**  
 Clonality **Polyclonal**  
 Format **Lyophilized**

**Description**

Rabbit IgG polyclonal antibody for Transthyretin(TTR) detection. Tested with WB, IHC-P in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-Prealbumin Picoband Antibody - Additional Information**

**Gene ID** 7276

**Other Names**

Transthyretin, ATTR, Prealbumin, TBPA, TTR, PALB

**Calculated MW**

15887 MW KDa

**Application Details**

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat  
 Western blot, 0.1-0.5 µg/ml, Human

**Subcellular Localization**

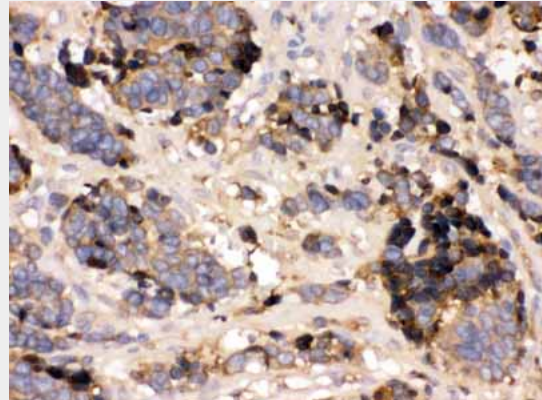
Secreted. Cytoplasm.

**Tissue Specificity**

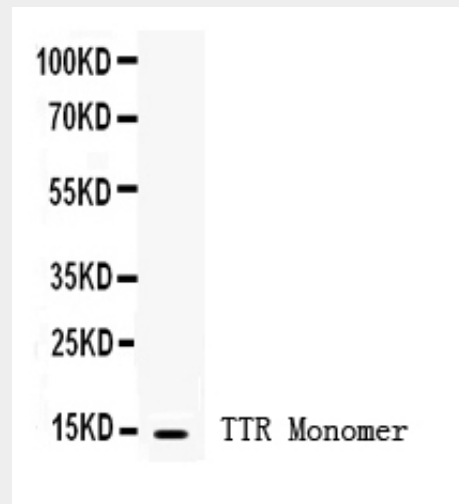
Detected in serum and cerebrospinal fluid (at protein level). Highly expressed in choroid plexus epithelial cells. Detected in retina pigment epithelium and liver. .

**Protein Name**

Transthyretin



Anti- Prealbumin Picoband antibody, ABO12435,IHC(P)IHC(P): Human Lung Cancer Tissue



Anti- Prealbumin Picoband antibody, ABO12435, Western blottingAll lanes: Anti Prealbumin (ABO12435) at 0.5ug/mlWB: Human Blood Lysate at 50ugPredicted bind size: 14KDObserved bind size: 14KD

**Anti-Prealbumin Picoband 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

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

E.coli-derived human Prealbumin recombinant protein (Position: G21-E147). Human Prealbumin shares 81% and 83.3% amino acid (aa) sequence identity with mouse and rat Prealbumin, respectively.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins.

**Storage**

**At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.**

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.

**Anti-Prealbumin Picoband Antibody - Protein Information**

**Name** TTR

**Synonyms** PALB

**Function**

Thyroid hormone-binding protein. Probably transports thyroxine from the bloodstream to the brain.

**Cellular Location**

Secreted. Cytoplasm.

**Tissue Location**

Detected in serum and cerebrospinal fluid (at protein level). Highly expressed in choroid plexus epithelial cells Detected in retina pigment epithelium and liver

**Anti-Prealbumin Picoband Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)