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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

Contents
Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

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 r˚Constitution, 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.**

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

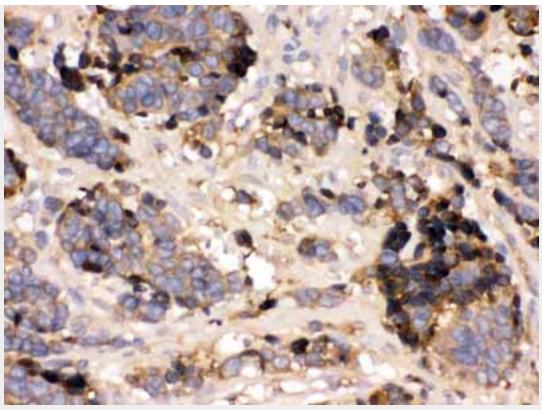
Anti-Prealbumin Picoband Antibody - Protocols

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

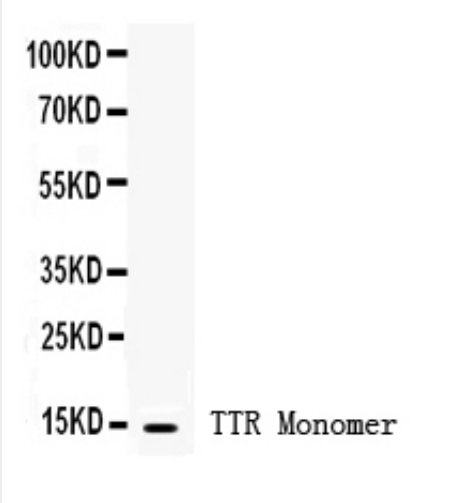
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Prealbumin Picoband Antibody - Images

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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 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.