

Prealbumin rabbit pAb

Cat No.: ES20300

For research use only

Overview

Product Name Prealbumin rabbit pAb

Host species Rabbit
Applications WB;IHC

Species Cross-Reactivity Human; Rat; Mouse;

Recommended dilutions WB 1:500-2000;IHC-p 1:50-300

Immunogen Synthesized peptide derived from human

Prealbumin AA range: 81-130

Specificity This antibody detects endogenous levels of Human

Prealbumin

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Prealbumin
Gene Name TTR PALB

Cellular localization Secreted. Cytoplasm.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 7276 Human Swiss-Prot Number P02766

Alternative Names Transthyretin (ATTR;Prealbumin;TBPA)

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



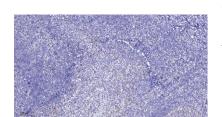
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amyloid deposition, affecting predominantly peripheral nerve and/or the heart, and a small portion of the gene mutations is non-amyloidogenic. The diseases caused by mutations include amyloidotic polyneuropathy, euthyroid hyperthyroxinaemia, amyloidotic vitreous opacities, cardiomyopathy, oculoleptomeningeal amyloidosis, meningocerebrovascular amyloidosis, carpal tunnel syndrome, etc. [provided by RefSeq, Jan 2009],



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Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

