

Anti-Transthyretin Antibody (5V428)

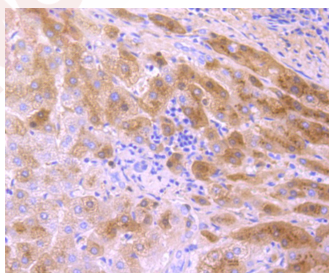
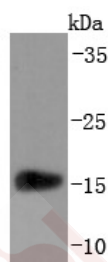
Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 16 kDa.
Clone:	5V428
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of Prealbumin on human lung lysates using anti-Prealbumin antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Prealbumin antibody. Counter stained with hematoxylin.



Application:	IHC,IP,WB
Recommended	WB: 1:1000-2000; IHC: 1:50-200

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P02766

Research Background

Prealbumin, also designated transthyretin, is a major thyroid-hormone binding protein involved in transporting thyroxine from the bloodstream to the brain. Prealbumin is located in the cytoplasm and in the vesicles of developing rat brain cells, and is thought to be transported there from the cerebrospinal fluid via endocytosis. Sequence variants of this protein have been identified in amyloid fibrils from patients with familial amyloidotic polyneuropathy (FAP), the most common form of hereditary systemic amyloidosis. Although the biologically active form of Prealbumin is a tetramer, the amyloidogenic intermediate is thought to be a monomeric species. Prealbumin also binds to the retinol carrier protein RBP (retinol-binding protein). The gene encoding Prealbumin maps to human chromosome 18q12.1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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