

## Transthyretin Antibody

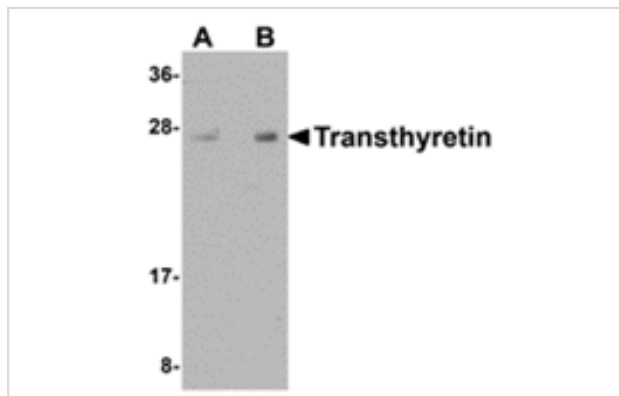
Catalog No: #24890

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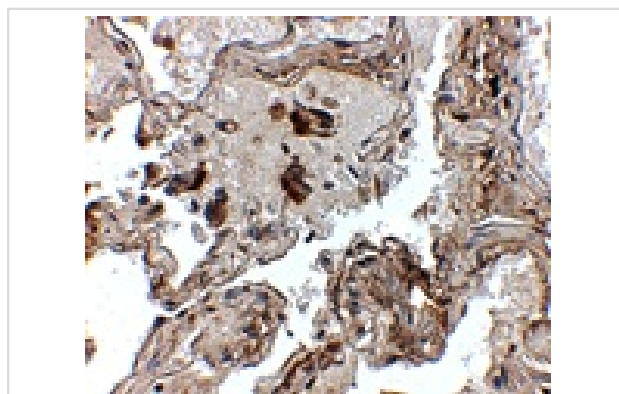
## Description

|                       |   |
|-----------------------|---|
| Product Name          | Transthyretin Antibody  |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | Affinity chromatography purified via peptide column   |
| Applications          | E WB IHC  |
| Species Reactivity    | Hu Ms Rt  |
| Immunogen Type        | Peptide   |
| Immunogen Description | Raised against a 17 amino acid peptide near the center of human Transthyretin.  |
| Target Name           | Transthyretin   |
| Other Names           | Transthyretin, TTR, PALB, TBPA, HsT2651   |
| Accession No.         | P02766  |
| Formulation           | Supplied in PBS containing 0.02% sodium azide.  |
| Storage               | Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

## Images



Western blot analysis of Transthyretin in human lung tissue lysate with Transthyretin antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of Transthyretin in human lung tissue with Transthyretin antibody at 2.5 ug/mL.

## Background

Transthyretin is a tetrameric carrier protein that transports thyroid hormones in the plasma and cerebrospinal fluid, and retinol (vitamin A) in the plasma. More than 80 different mutations in this gene have been reported; most mutations are related to amyloid deposition, affecting predominantly peripheral nerve and/or the heart. The diseases caused by mutations include familial amyloidotic polyneuropathy, euthyroid hyperthyroxinemia, amyloidotic vitreous opacities, cardiomyopathy, oculoleptomeningeal amyloidosis, meningocerebrovascular amyloidosis, and carpal tunnel syndrome. It has also been suggested that Transthyretin plays an important role in the maintenance of normal cognitive processes during aging, neuropeptide processing and nerve regeneration. It has also been linked to several pathological conditions including Parkinson's disease, schizophrenia, and depression.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.