

Product datasheet for **TA306775**

Prealbumin (TTR) Chicken Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Isotype:	IgY
Clonality:	Polyclonal
Immunogen:	Transthyretin antibody was raised against a 17 amino acid peptide near the center of human Transthyretin .
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	transthyretin
Database Link:	NP_000362 Entrez Gene 22139 Mouse Entrez Gene 24856 Rat Entrez Gene 7276 Human P02766



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Background:

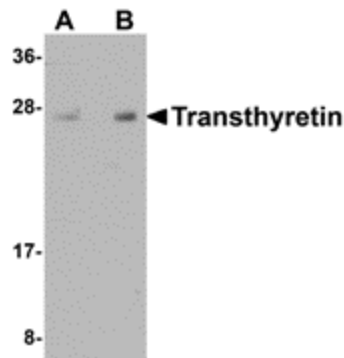
Transthyretin is a tetrameric carrier protein that transports thyroid hormones in the plasma and cerebrospinal fluid, and retinol (vitamin A) in the plasma. More than 80 different mutations in this gene have been reported; most mutations are related to amyloid deposition, affecting predominantly peripheral 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.

Synonyms:

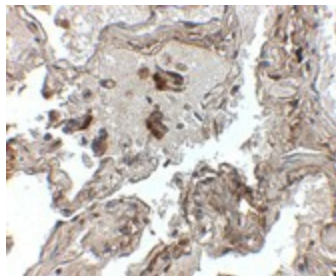
CTS; CTS1; HEL111; HsT2651; PALB; TBPA

Protein Families:

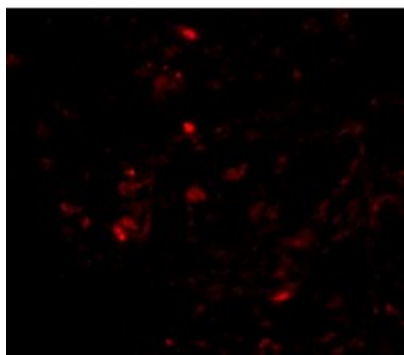
ES Cell Differentiation/IPS, Secreted Protein

Product 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.



Immunofluorescence of Transthyretin in human lung tissue with Transthyretin antibody at 20 ug/mL.