

Chicken Transthyretin Polyclonal Antibody | anti-TTR antibody

Transthyretin Antibody

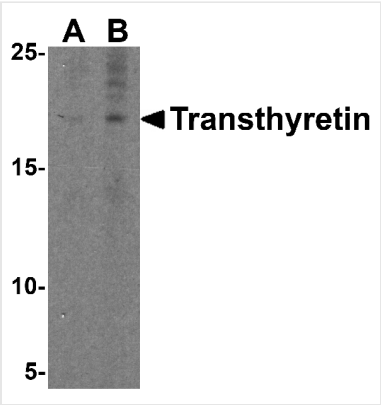
CATALOG # AAA39429	HOST Chicken	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

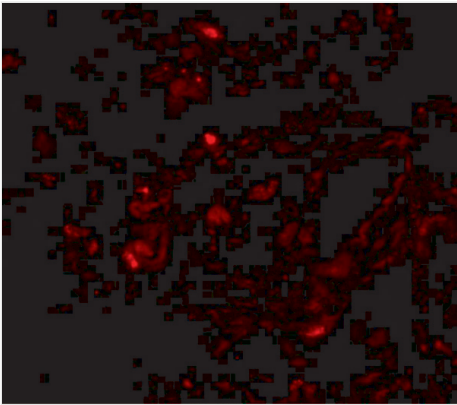
Transthyretin; Polyclonal Antibody; Transthyretin Antibody; CTS; CTS1; PALB; TBPA; HEL111; HsT2651; ATTR; transthyretin; anti-TTR antibody

PRODUCT SPECIFICATIONS

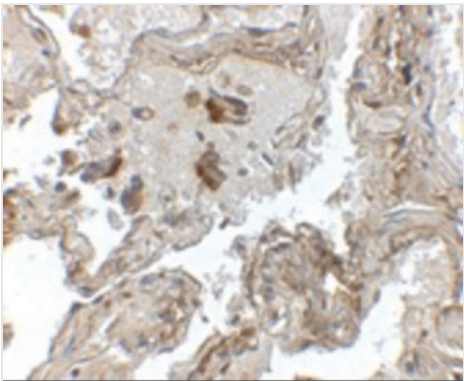
Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgY
Purity/Purification	Transthyretin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; Transthyretin Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	147
Applicable Applications for anti-TTR antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Transthyretin antibody was raised against a 17 amino acid synthetic peptide near the center of human Transthyretin.
Homology	Predicted species reactivity based on immunogen sequence: Bovine: (94%), Sheep: (88%), Rabbit: (82%), Pig: (82%)
Positive Control	1) - HepG2 Cell Lysate 2) - Human Lung Tissue Slide
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.



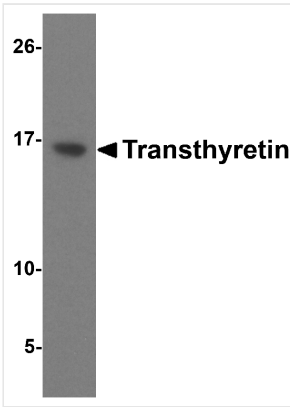
WB (Western Blot)
Western blot analysis of Transthyretin in HepG2 cell lysate with Transthyretin antibody at (A) 1 and (B) 2 μg/mL.



IF (Immunofluorescence)
Immunofluorescence of Transthyretin in human lung tissue with Transthyretin antibody at 20 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of Transthyretin in human lung tissue with Transthyretin antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of 125 ng of Transthyretin recombinant protein with Transthyretin antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TTR antibody	Transthyretin Antibody: 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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NCBI AND UNIPROT INFORMATION

NCBI GI #	136464
NCBI GeneID	7276
UniProt Accession #	P02766; Q549C7; Q6IB96; Q9UBZ6; Q9UCM9
Molecular Weight	Predicted: 15 kDa Observed: 16 kDa
NCBI Official Full Name	Transthyretin
NCBI Official Synonym Full Names	transthyretin

NCBI Official Symbol	TTR
NCBI Official Synonym Symbols	CTS; CTS1; PALB; TBPA; HEL111; HsT2651
NCBI Protein Information	transthyretin; ATTR; carpal tunnel syndrome 1; thyroxine-binding prealbumin; epididymis luminal protein 111; prealbumin, amyloidosis type I
UniProt Protein Name	Transthyretin
UniProt Gene Name	TTR
UniProt Synonym Gene Names	PALB
UniProt Entry Name	TTHY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/transthyretin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39429>