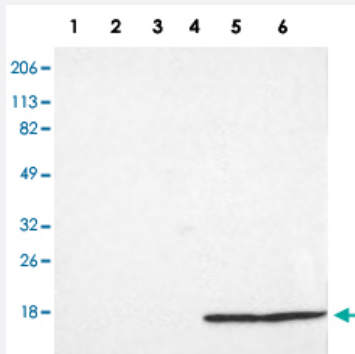


TTR polyclonal antibody

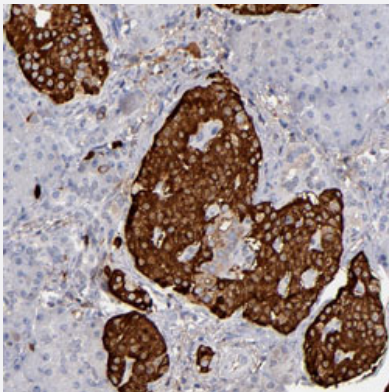
Catalog # PAB28586 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: Human cell line RT-4; Lane 2: Human cell line U-251MG sp; Lane 3: Human cell line A-431; Lane 4: Human liver tissue; Lane 5: Human tonsil tissue with TTR polyclonal antibody (Cat#PAB28586).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human pancreas with TTR polyclonal antibody (Cat#PAB28586) shows strong cytoplasmic positivity in islet cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant TTR.
Immunogen	Recombinant protein corresponding to amino acids of human TTR.
Sequence	GTGESKCPLMVKVLDAVRGSPAINVAVHVFRKAADDTWEPFASGKTSESGELHGLTTEEEFVEG YKVEIDTKSYWKALGISPFHEHAEEVFTANDSGPRRYTIAALLSPYSYSTTAVVTNPKE
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:100-1:250) Immunohistochemistry (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: Human cell line RT-4; Lane 2: Human cell line U-251MG sp; Lane 3: Human cell line A-431; Lane 4: Human liver tissue; Lane 5: Human tonsil tissue with TTR polyclonal antibody (Cat#PAB28586).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human pancreas with TTR polyclonal antibody (Cat#PAB28586) shows strong cytoplasmic positivity in islet cells.

Gene Info — TTR

Entrez GeneID	7276
Protein Accession#	P02766
Gene Name	TTR
Gene Alias	HsT2651, PALB, TBPA
Gene Description	transthyretin
Omim ID	176300
Gene Ontology	Hyperlink

Gene Summary

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 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]

Other Designations

prealbumin, amyloidosis type I|thyroxine-binding prealbumin

Disease

- [Alzheimer disease](#)
- [Amyloid Neuropathies](#)
- [Amyloidosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Kidney Failure](#)
- [Schizophrenia](#)