

Product datasheet for **TA321119S**

Prealbumin (TTR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse serum IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Secreted
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16 kDa
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:

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.

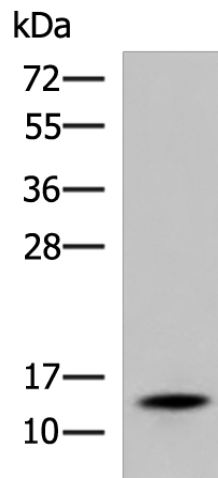
Synonyms:

CTS; CTS1; HEL111; HsT2651; PALB; TBPA

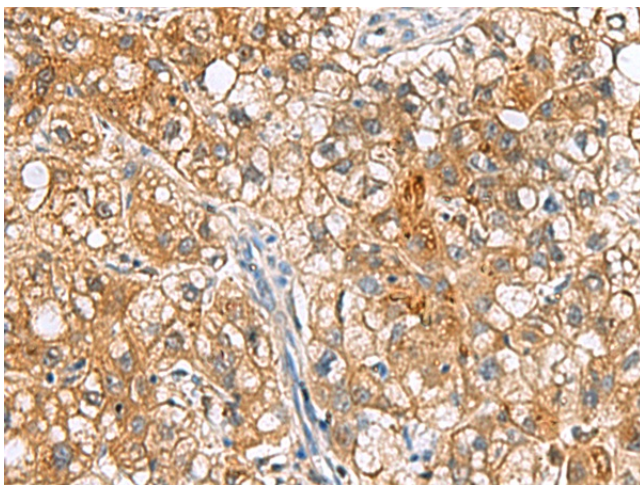
Protein Families:

ES Cell Differentiation/IPS, Secreted Protein

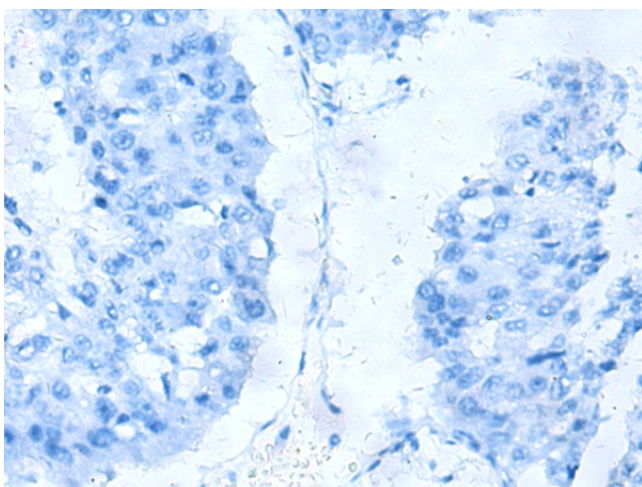
Product images:



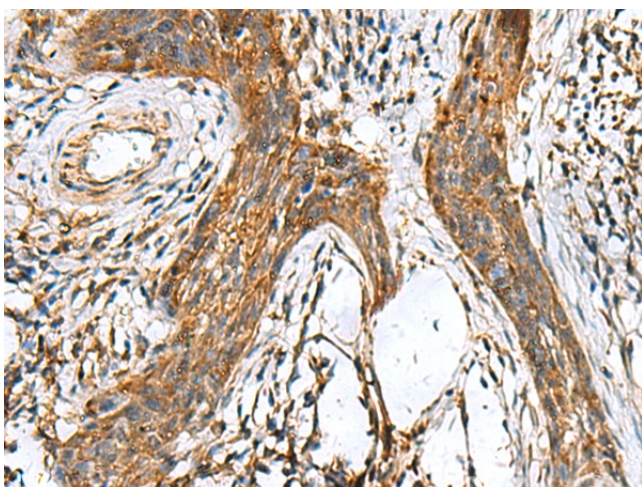
Gel: 12%SDS-PAGE
 Lysate: 40 µg
 Lane: Mouse serum
 Primary antibody: [TA321119] (TTR Antibody) at dilution 1/600
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
 Exposure time: 3 seconds



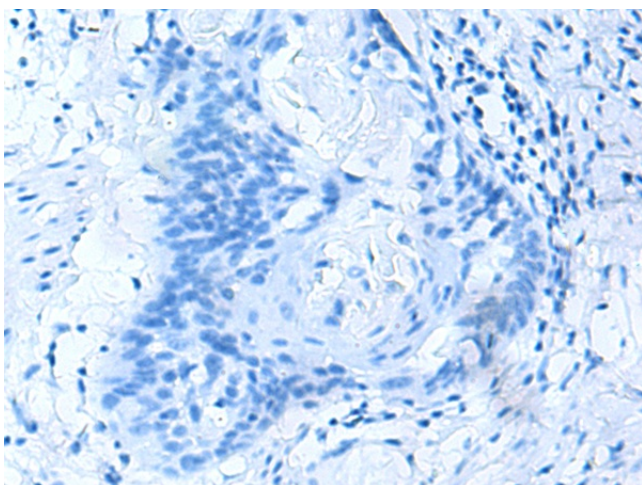
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA321119] (TTR Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA321119] (TTR Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA321119] (TTR Antibody) at dilution 1/50 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA321119] (TTR Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: x200)