

Prealbumin/transthyretin Polyclonal Antibody

Catalog number: 11891-1-AP

Size: 20 µg/150 µl

Source: Rabbit

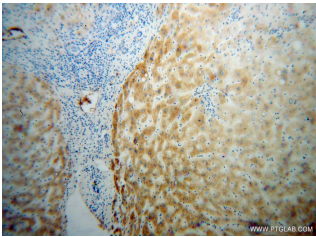
Isotype: IgG

Synonyms:

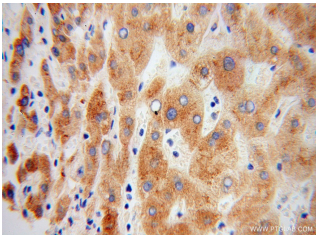
TTR; ATTR, HsT2651, PALB,

Prealbumin, TBPA,

transthyretin, TTR



Immunohistochemical of paraffin-embedded human liver cancer using 11891-1-AP (TTR antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human liver cancer using 11891-1-AP (TTR antibody) at dilution of 1:100 (under 40x lens)



human blood tissue were subjected to SDS PAGE followed by western blot with 11891-1-AP (TTR antibody) at dilution of 1:1000

Background

Transthyretin (TTR) is a plasma transport protein for thyroxine and retinol, through the association with retinol-binding protein. It is a homotetrameric protein synthesized mainly in liver, choroid plexus, retinal pigment epithelium, and pancreas. Within the CNS, TTR is the only known protein synthesized solely by the choroid plexus. Mutant and wildtype TTR give rise to various forms of amyloid deposition (amyloidosis). Defects in TTR are the cause of amyloidosis transthyretin-related (AMYLTTR), hyperthyroxinemia dystransthyretinemic euthyroidal (HTDE) and carpal tunnel syndrome type 1 (CTS1). In addition, positive immunostaining for TTR has been reported as a sensitive diagnostic marker of choroid plexus tumors. (22103483)

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated	147aa, 16kd
Prealbumin/transthyretin	
MW:	
Observed	16kd
Prealbumin/transthyretin	
MW:	
Positive WB detected in	Human blood tissue, HEK-293 cells, human brain tissue, human heart tissue, human liver tissue, human spleen tissue
Positive IHC detected in	Human liver cancer tissue, human gliomas tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2499
GenBank accession number:	BC020791
Gene ID (NCBI):	7276
Full name:	Transthyretin

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.