

Datasheet for ABIN7245536

anti-TTR antibody

3 Images

[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	TTR
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human TTR
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	TTR
Alternative Name:	TTR (TTR Products)
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

Target Details

various forms of amyloid deposition (amyloidosis). Defects in TTR are the cause of amyloidosis transthyretin-related (AMYL-TTR),hyperthyroxinemia dystansthyretinemic 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)

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 16 kDa

UniProt: [P02766](#)

Pathways: [Hormone Transport](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:50-1:200, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.72 mg/mL

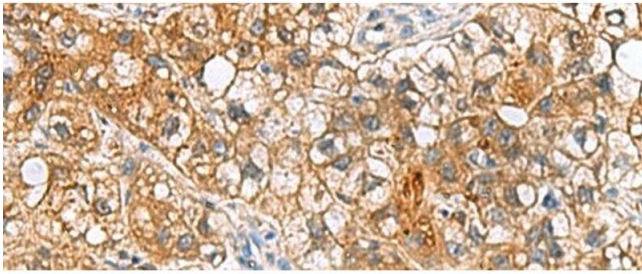
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

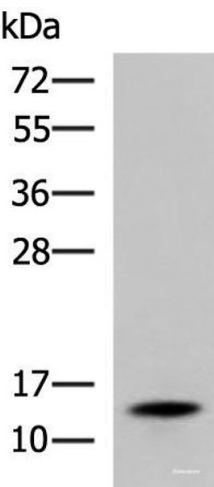
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



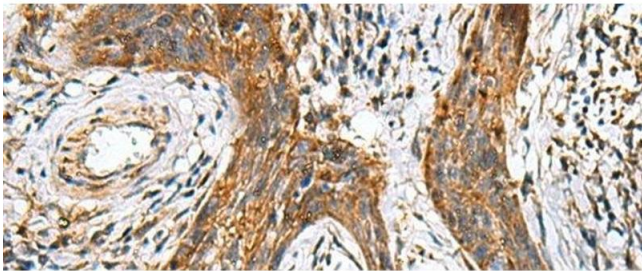
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TTR Polyclonal Antibody at dilution of 1:50(x200)



Western Blotting

Image 2. Western blot analysis of Mouse serum using TTR Polyclonal Antibody at dilution of 1:600



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TTR Polyclonal Antibody at dilution of 1:50(x200)