



Datasheet for ABIN652227
anti-TTR antibody (C-Term)



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4 Images

Overview

Quantity:	400 µL
Target:	TTR
Binding Specificity:	AA 71-98, C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	This TTR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-98 amino acids from the C-terminal region of human TTR.
Clone:	RB19657
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TTR
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Target Details

Alternative Name:	TTR (TTR Products)
Background:	<p>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.</p>
Molecular Weight:	15887
Gene ID:	7276
NCBI Accession:	NP_000362
UniProt:	P02766
Pathways:	Hormone Transport

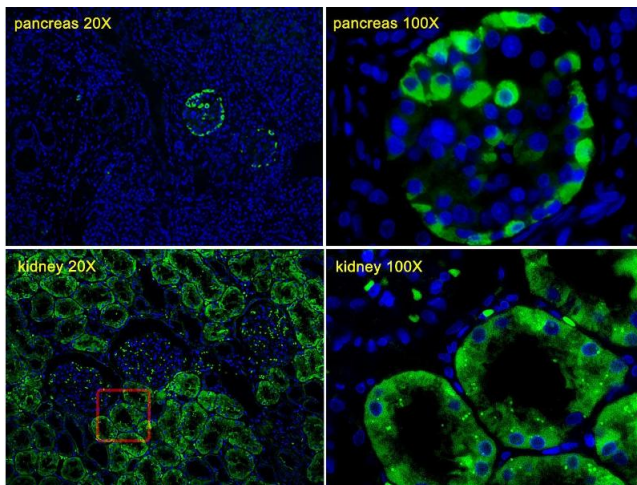
Application Details

Application Notes:	IF: 1:25. WB: 1:2000. IHC-P: 1:25. FC: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Images

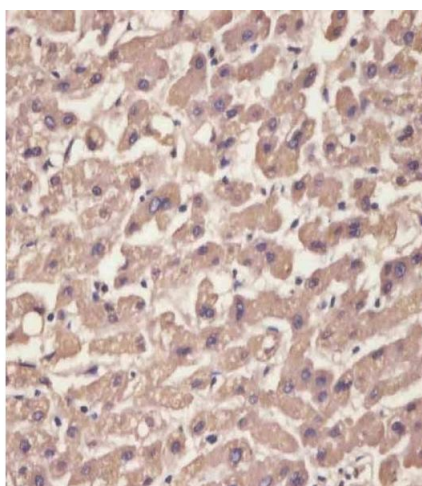
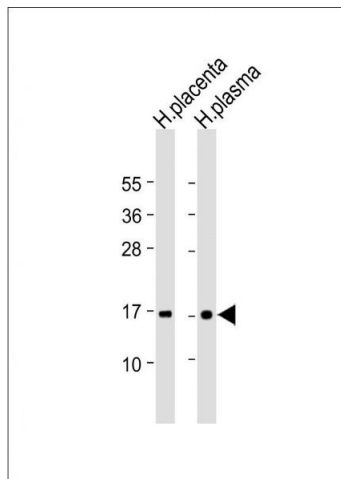


Immunofluorescence

Image 1. Immunofluorescent analysis of Human pancreas tissues and Human kidney tissues, using TTR Antibody (C-term) (ABIN652227 and ABIN2840949). (ABIN652227 and ABIN2840949) was diluted at 1:25 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). DAPI was used to stain the cell nuclear (blue).

Western Blotting

Image 2. All lanes : Anti-TTR Antibody (C-term) at dilution
Lane 1: Human placenta lysate Lane 2: Human plasma lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 16 kDa
Blocking/Dilution buffer: 5 % NFD/MTBST.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. (ABIN652227 and ABIN2840949) staining TTR in human liver tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN652227.