

Datasheet for ABIN185630  
**anti-TTR antibody (Internal Region)**



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2 Images

## Overview

Quantity:	100 µg
Target:	TTR
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TTR antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	Prealbumin / Transthyretin
Immunogen:	Peptide with sequence C-YKVEIDTKSYWK, from the internal region of the protein sequence according to NP_000362.1.
Sequence:	YKVEIDTKSY WK
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

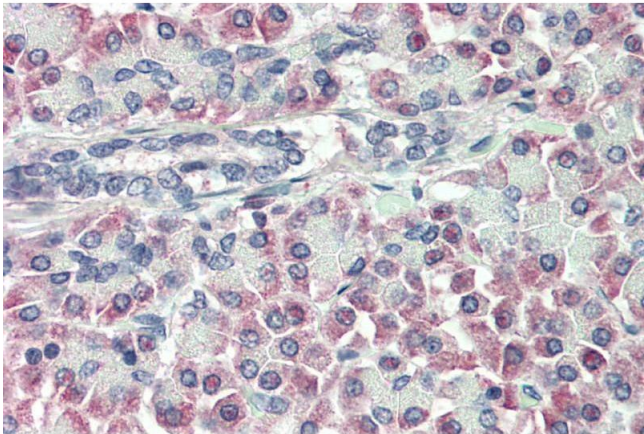
Target:	TTR
Alternative Name:	TTR ( <a href="#">TTR Products</a> )
Background:	TTR, transthyretin (prealbumin, amyloidosis type I), HGNC:12405, HsT2651, PALB, TBPA, prealbumin, transthyretin
Gene ID:	7276, 22139, 24856
NCBI Accession:	<a href="#">NP_000362</a>
Pathways:	<a href="#">Hormone Transport</a>

## Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Pancreas. Recommended concentration: 10 µg/mL.  Western Blot: Preliminary experiments gave an approx 20-22 kDa band in Human Heart, Kidney, Liver, Lung, Placenta and Testis lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we  Peptide ELISA: antibody detection limit dilution 1:1000.
Restrictions:	For Research Use only

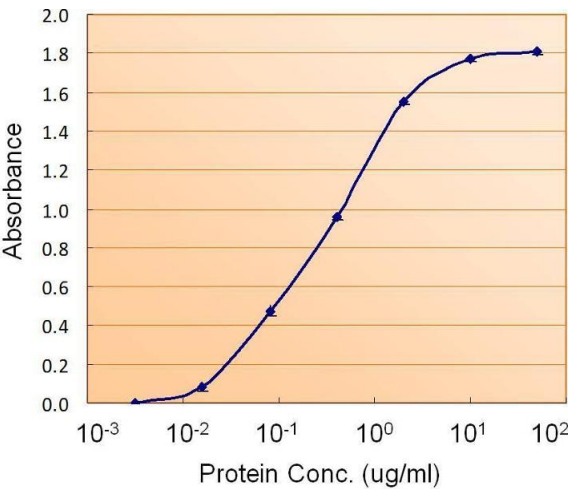
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

**Image 1.** ABIN185630 (10µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Enzyme Immunoassay

**Image 2.** ABIN185630 (5ug/ml) as the reporter with as the capture rabbit antibody (5ug/ml).