

Datasheet for ABIN2854289

**anti-TTR antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	TTR
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTR antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Full length human Prealbumin Recombinant protein.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Transthyretin (transthyretin) Transthyretin antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	TTR
Alternative Name:	transthyretin ( <a href="#">TTR Products</a> )
Background:	This gene encodes transthyretin, one of the three prealbumins including alpha-1-antitrypsin,

## Target Details

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.

Cellular Localization: Secreted , Cytoplasm

Molecular Weight:	16 kDa
Gene ID:	7276
UniProt:	<a href="#">P02766</a>
Pathways:	<a href="#">Hormone Transport</a>

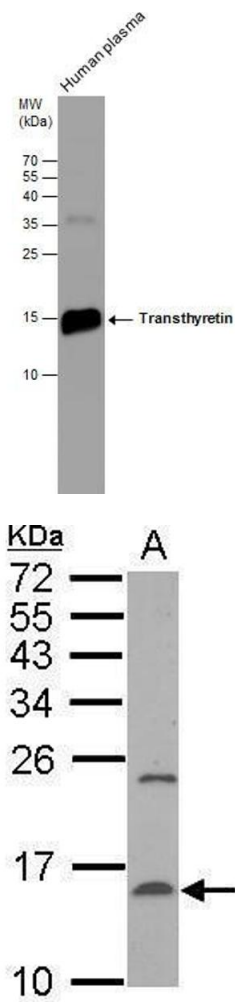
## Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: rat plasma
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1.58 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

**Image 1.** WB Image Human tissue extract (30 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with Transthyretin antibody [N1C3] , diluted at 1:500.

Western Blotting

**Image 2.** WB Image Sample (50 ug of whole cell lysate) A: mouse liver 15% SDS PAGE antibody diluted at 1:500