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Datasheet for ABIN5542369
anti-TTR antibody (AA 1-147)

7 Images

Overview

Quantity:	0.1 mg
Target:	TTR
Binding Specificity:	AA 1-147
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TTR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human TTR (AA: 1-147) expressed in E. coli.
Clone:	2E10C5
Isotype:	IgG1
Purification:	purified

Target Details

Target:	TTR
Alternative Name:	TTR (TTR Products)
Background:	Description: This gene encodes transthyretin, one of the three prealbumins including alpha-1-

Target Details

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. [provided by RefSeq, Jan 2009],

Aliases: CTS, CTS1, PALB, TBPA, HEL111, HsT2651

Molecular Weight: 15.9 kDa

Gene ID: 7276

HGNC: 7276

Pathways: [Hormone Transport](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

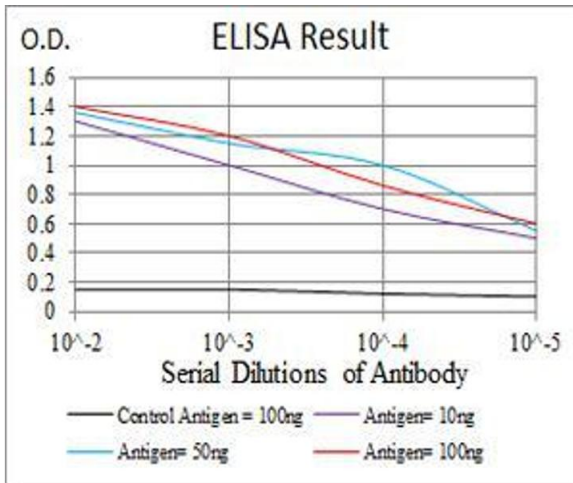
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

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

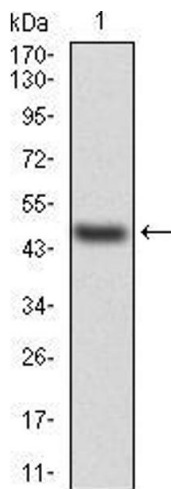
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



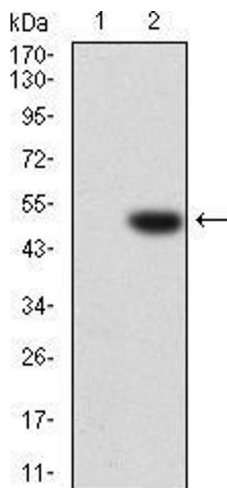
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Western Blotting

Image 2. Western blot analysis using TTR mAb against human TTR (AA: 1-147) recombinant protein. (Expected MW is 45.8 kDa)



Western Blotting

Image 3. Western blot analysis using TTR mAb against HEK293 (1) and TTR (AA: 1-147)-hIgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5542369.