

TTR Antibody

Catalog No: #31034

Package Size: #31034-1 50ul #31034-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	TTR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total TTR protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	TTR
Other Names	Transthyretin, CTS, CTS1, PALB, TBPA, HsT2651
Accession No.	Swiss-Prot:P02766Gene ID:7276;
Uniprot	P02766
GeneID	7276;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

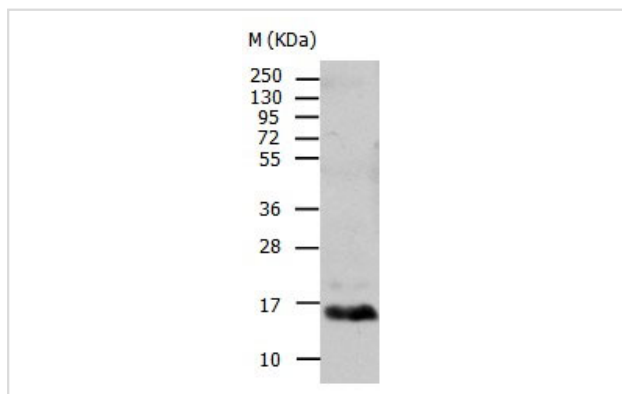
Predicted MW: 16kd

ELISA: 1:1000-1:5000

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



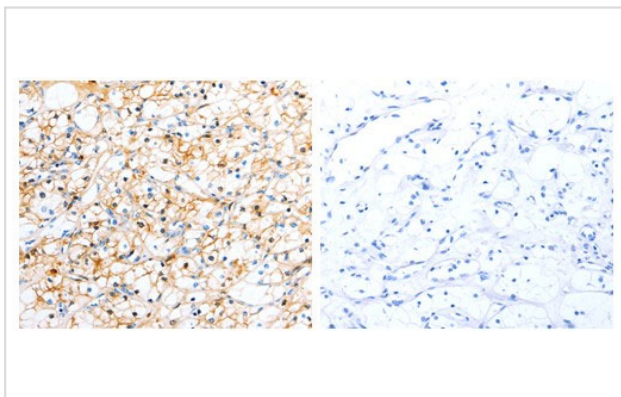
Gel: 8%+10%SDS-PAGE

Lysate: 20 µg Mouse serum lysate

Primary antibody: 1/500 dilution

Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/3000 dilution

Exposure time: 10 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human renal cancer tissue using 31034 (TTR Antibody) at dilution 1/50, on the right is treated with the fusion protein.

Background

This gene encodes 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.

Note: This product is for in vitro research use only