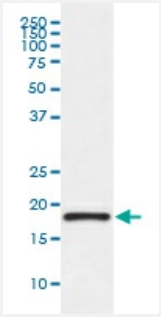
# TTR monoclonal antibody, clone AOFI-20

Catalog # MAB20619 Size 100 uL

## Applications




### Western Blot (Cell lysate)

Western Blot analysis of human fetal kidney lysate using TTR monoclonal antibody, clone AOFI-20.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of human TTR. |
| **Immunogen** | A synthetic peptide corresponding to human TTR. |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunohistochemistry (1:50-1:200)<br>Immunoprecipitation (1:50)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide). |
| **Storage Instruction** | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunoprecipitation
- Western Blot (Cell lysate)

  Western Blot analysis of human fetal kidney lysate using TTR monoclonal antibody, clone AOFI-20.

## Gene Info — TTR

| | |
|---|---|
| **Entrez GeneID** | 7276 |
| **Protein Accession#** | P02766 |
| **Gene Name** | TTR |
| **Gene Alias** | HsT2651, PALB, TBPA |
| **Gene Description** | transthyretin |
| **Omim ID** | 176300 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes transthyretin, one of the three prealbumins including alpha-1-antitrypsin, transt hyretin and orosomucoid. Transthyretin is a carrier protein; it transports thyroid hormones in the pl asma and cerebrospinal fluid, and also transports retinol (vitamin A) in the plasma. The protein co nsists of a tetramer of identical subunits. More than 80 different mutations in this gene have been r eported; most mutations are related to amyloid deposition, affecting predominantly peripheral ner ve and/or the heart, and a small portion of the gene mutations is non-amyloidogenic. The disease s caused by mutations include amyloidotic polyneuropathy, euthyroid hyperthyroxinaemia, amyloid otic vitreous opacities, cardiomyopathy, oculoleptomeningeal amyloidosis, meningocerebrovascu lar amyloidosis, carpal tunnel syndrome, etc. [provided by RefSeq |
| **Other Designations** | prealbumin, amyloidosis type I\|thyroxine-binding prealbumin |

## Disease

- Alzheimer disease

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Amyloid Neuropathies
- Amyloidosis
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Heart Diseases
- Kidney Failure
- Schizophrenia

Copyright © 2023 Abnova Corporation. All Rights Reserved.