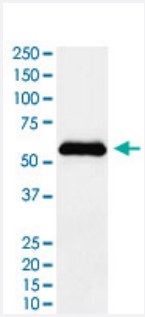
# SERPINA3 monoclonal antibody, clone ADED-19

Catalog # MAB22209 Size 100 uL

## Applications




### Western Blot (Tissue lysate)

Western Blot (tissue lysate) analysis of human plasma lysate.

## Specification

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|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against synthetic protein of human SERPINA3. |
| **Immunogen** | A synthetic peptide corresponding to human SERPINA3. |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Specificity** | This antibody reacts with human SERPINA3, in native form and recombinant. Superfamily members of SERPINA3 are not reactive to antibody. |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Western Blot (1:500-1000)<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). |

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|---|---|
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Western Blot (Tissue lysate)

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## Gene Info — SERPINA3

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|---|---|
| **Entrez GeneID** | 12 |
| **Protein Accession#** | P01011 |
| **Gene Name** | SERPINA3 |
| **Gene Alias** | AACT, ACT, GIG24, GIG25, MGC88254 |
| **Gene Description** | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3 |
| **Omim ID** | 107280 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is a plasma protease inhibitor and member of the serine protea se inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protea se targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, a nd deficiency of this protein has been associated with liver disease. Mutations have been identifie d in patients with Parkinson disease and chronic obstructive pulmonary disease. [provided by Ref Seq |
| **Other Designations** | alpha-1-antichymotrypsin\|antichymotrypsin\|growth-inhibiting protein 24\|growth-inhibiting protein 25 \|serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3\|s erine (or cysteine) proteinase inhibitor, clade A, memb |

## Disease

- Acute Disease
- alpha 1-Antitrypsin Deficiency

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- Alpha-1-antitrypsin deficiency
- Alzheimer disease
- Aneurysm
- Asthma
- Brain Ischemia
- Bronchial Hyperreactivity
- Cardiovascular Diseases
- Cerebral Amyloid Angiopathy
- Cerebral Hemorrhage
- Cerebrovascular Accident
- Chronic Disease
- Cognition
- Cognition Disorders
- Cystic fibrosis
- Dementia
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Edema
- Encephalitis
- Genetic Predisposition to Disease
- Hemorrhage
- Hypercholesterolemia
- Hypersensitivity
- Hypertension
- Inflammation

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- Intracranial Aneurysm
- Kidney Failure
- Lung Neoplasms
- Macular Degeneration
- Mental Status Schedule
- Metabolic Syndrome X
- Multiple System Atrophy
- Myocardial Infarction
- Myocardial Ischemia
- Myositis
- Neoplasms
- Neuropsychological Tests
- Osteoarthritis
- Osteoporosis
- Pancreatitis
- Parkinson disease
- Prostate cancer
- Prostatic Hyperplasia
- Prostatic Neoplasms
- Pulmonary Disease
- Pulmonary Emphysema
- Stroke
- Subarachnoid Hemorrhage
- Vasculitis
- Wegener Granulomatosis

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