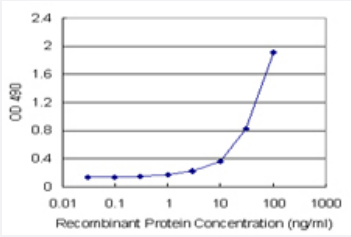
# SERPINA3 (Human) Matched Antibody Pair

Catalog # H00000012-AP42 Size 1 Set

## Applications




Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

## Specification

| | |
|---|---|
| **Product Description** | This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human SERPINA3. |
| **Reactivity** | Human |
| **Quality Control Testing** | Standard curve using recombinant protein ( H00000012-P02 ) as an analyte.<br>Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml. |
| **Supplied Products** | Antibody pair set content:<br>1. Capture antibody: mouse monoclonal anti-SERPINA3 (100 ug)<br>2. Detection antibody: biotinylated mouse monoclonal anti-SERPINA3, IgG1 Kappa (50 ug)<br>*Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols. |
| **Storage Instruction** | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use. |

## Applications

- ELISA Pair (Recombinant protein)

Protocol Download

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## Gene Info — SERPINA3

| | |
|---|---|
| **Entrez GeneID** | 12 |
| **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
- Alpha-1-antitrypsin deficiency
- Alzheimer disease
- Aneurysm
- Asthma
- Brain Ischemia
- Bronchial Hyperreactivity
- Cardiovascular Diseases
- Cerebral Amyloid Angiopathy
- Cerebral Hemorrhage

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- 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
- Intracranial Aneurysm
- Kidney Failure
- Lung Neoplasms
- Macular Degeneration
- Mental Status Schedule
- Metabolic Syndrome X
- Multiple System Atrophy
- Myocardial Infarction
- Myocardial Ischemia

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- 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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