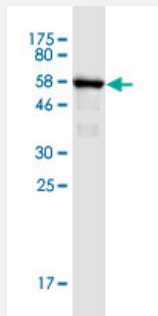


SERPINA3 monoclonal antibody (M01A), clone 1E6

Catalog # H00000012-M01A

Size 200 uL

Applications



Western Blot detection against Immunogen (69.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SERPINA3.
Immunogen	SERPINA3 (AAH03559, 25 a.a. ~ 423 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PNSPLDEENLTQENQDRGTHVDLGLASANVDFAFSLYKQLVLKAPDKNVIFSPLSISTALAFSLG AHNTTLTEILKGLKFNLTTETSEAEIHQSFFQHLRLTNQSSDELQLSMGNAMFVKEQLSLLDRFTED AKRLYGSEAFATDFQDSAAAKKLINDYVKNNGTRGKITDLIKDLDSQTMMVLVNYIFFKAKWEMPFD PQDTHQSRFYLSKKKWVMPMMSLHHLTIPYFRDEELSCVTVELKYTGNASALFILPDQDKMEEV EAMLLPETLKRWRDSLEFREIGELYLPKFSISRDNLDILLQLGIEEAFTSKADLSGITGARNLAVS QVVKAVLDVFEEGTEASAATAVKITLLSALVETRTVRFNRPFMIVPTDTQNIFFMSKVTNPKQA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (58); Rat (62)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (69.63 KDa) .
Storage Buffer	In ascites fluid

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SERPINA3

Entrez GeneID [12](#)**GeneBank Accession#** [BC003559](#)**Protein Accession#** [AAH03559](#)**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 protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease. [provided by RefSeq]

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|serine (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](#)
- [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](#)
- [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](#)