

SERPINA1 polyclonal antibody

Catalog # PAB14519

Size 500 uL

Specification

Product Description	Rabbit polyclonal antibody raised against SERPINA1.
Immunogen	Human SERPINA1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Immunohistochemistry (Frozen sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (1% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunocytochemistry

Gene Info — SERPINA1

Entrez GeneID [5265](#)

Gene Name SERPINA1

Gene Alias	A1A, A1AT, AAT, MGC23330, MGC9222, PI, PI1, PRO2275
Gene Description	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1
Omim ID	107400 606963
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	protease inhibitor 1 (anti-elastase), alpha-1-antitrypsin serine (or cysteine) proteinase inhibitor, clade A, member 1 serine proteinase inhibitor, clade A, member 1

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Acute Disease](#)
- [Acute-Phase Reaction](#)
- [Adenocarcinoma](#)
- [Airway Obstruction](#)
- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Aortic Stenosis](#)
- [Arterial Occlusive Diseases](#)
- [Asbestosis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bacterial Infections](#)

- [Brain Ischemia](#)
- [Bronchiectasis](#)
- [Bronchitis](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery](#)
- [Cerebrovascular Accident](#)
- [Chronic Disease](#)
- [Cluster Headache](#)
- [Colonic Neoplasms](#)
- [Common Variable Immunodeficiency](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)
- [Cough](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Dyspnea](#)
- [Edema](#)
- [Emphysema](#)
- [Fatty Liver](#)
- [Fetal Death](#)
- [Fibromuscular Dysplasia](#)
- [Gaucher disease](#)

- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hepatitis C](#)
- [Hereditary hemochromatosis](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Immunologic Deficiency Syndromes](#)
- [Inflammation](#)
- [Iron Overload](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Liver Neoplasms](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Mycobacterium Infections](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Nasal Polyps](#)
- [Occupational Diseases](#)
- [Pancreatitis](#)
- [Penile Induration](#)
- [Periodontitis](#)
- [Peripheral Vascular Diseases](#)
- [Pneumonia](#)

- [Pregnancy Complications](#)
- [Pseudomonas Infections](#)
- [Pulmonary Disease](#)
- [Pulmonary Emphysema](#)
- [Recurrence](#)
- [Respiratory Tract Infections](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Scoliosis](#)
- [Sinusitis](#)
- [Smoke Inhalation Injury](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Venous Thrombosis](#)
- [Vertebral Artery Dissection](#)
- [Williams Syndrome](#)