

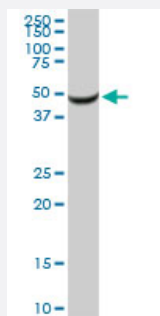
MaxPab®

SERPINA1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005265-D01P

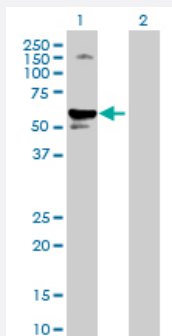
Size 100 ug

Applications



Western Blot (Tissue lysate)

SERPINA1 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA1 expression in human stomach.



Western Blot (Transfected lysate)

Western Blot analysis of SERPINA1 expression in transfected 293T cell line ([H00005265-T01](#)) by SERPINA1 MaxPab polyclonal antibody.

Lane 1: SERPINA1 transfected lysate(46.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SERPINA1 protein.

Immunogen

SERPINA1 (AAH15642.1, 1 a.a. ~ 418 a.a) full-length human protein.

Sequence

MPSSVSWGILLLAGLCCLVPVSLAEDPQGDAQKTDTSHHDDHPTFNKITPNLAFAFSLYRQL
AHQSNSTNIFFSPVSIATAFAMLSLGTKADTHDEILEGLNFNLTETPEAQIHEGFQELLRTLNPDSQ
LQLTTGNGLFLSEGLKLVDKFLEDVKKLYHSEFTVNFGDTEEAQKQINDYVEKGTQGMVDLVKE
LDRDVFALVNYIFFKGKWERPFVEKDTTEEDFHVDQATTVKVPMMKRLGMFNIQHCKKLSSWV
LLMKYLGNAIAFFLPDEGKLQHLENELTHDITKFLNEDRRSASLHLPKLSITGTLDKSVLGQLGI
TKVFSNGADLSGVTEEAPLKLSKAVHKAVALTIDEKGTEAAGAMFLEAIPMSIPPEVKFNKPFVFLMI
EQNTKSPLFMGKVVNPQTQK

Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

SERPINA1 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA1 expression in human stomach.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SERPINA1 expression in transfected 293T cell line ([H00005265-T01](#)) by SERPINA1 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SERPINA1

Entrez GeneID	5265
GeneBank Accession#	BC015642.2
Protein Accession#	AAH15642.1
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](#)