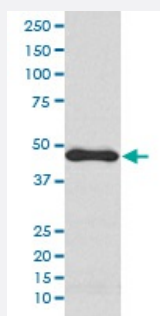


SERPINE1 monoclonal antibody, clone ABHG-19

Catalog # MAB20283 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with SERPINE1 monoclonal antibody.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human SERPINE1.

Immunogen A synthetic peptide corresponding to human SERPINE1.

Host Rabbit

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Flow Cytometry (1:50)
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunoprecipitation (1:30)
- Western Blot (1:500-1:1000)
- The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with SERPINE1 monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

Gene Info — SERPINE1

Entrez GeneID[5054](#)**Protein Accession#**[P05121](#)**Gene Name**

SERPINE1

Gene Alias

PAI, PAI-1, PAI1, PLANH1

Gene Description

serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1

Omim ID[173360](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This member is the principal inhibitor of tissue plasminogen activator (tPA) and urokinase (uPA), and hence is an inhibitor of fibrinolysis. Defects in this gene are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are associated with thrombophilia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

plasminogen activator inhibitor, type II plasminogen activator inhibitor-1|serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1

Pathway

- [Complement and coagulation cascades](#)
- [p53 signaling pathway](#)

Disease

- [Abortion](#)
- [Activated Protein C Resistance](#)
- [Acute Disease](#)
- [Acute Lung Injury](#)
- [Acute-Phase Reaction](#)
- [Adenocarcinoma](#)
- [Adenomatous Polyposis Coli](#)
- [Albuminuria](#)
- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Amyloidosis](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Aneurysm](#)
- [Angina](#)
- [Anoxia](#)
- [Antiphospholipid Syndrome](#)
- [Aortic Aneurysm](#)

- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Autistic Disorder](#)
- [Autoimmune Diseases](#)
- [Bacteremia](#)
- [Behcet Syndrome](#)
- [beta-Thalassemia](#)
- [Birth Weight](#)
- [Blood Coagulation Disorders](#)
- [Body Weight](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Burns](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Celiac Disease](#)

- [Cerebral Arterial Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Community-Acquired Infections](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Critical Illness](#)
- [Crohn Disease](#)
- [Death](#)
- [Delayed Graft Function](#)
- [Dementia](#)
- [Depressive Disorder](#)
- [Diabetes](#)
- [Diabetes Complications](#)

- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Disseminated Intravascular Coagulation](#)
- [Duodenal Ulcer](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Emphysema](#)
- [Endometriosis](#)
- [Familial Mediterranean fever](#)
- [Fatigue](#)
- [Fatty Liver](#)
- [Femur Head Necrosis](#)
- [Fetal Death](#)
- [Fetal Diseases](#)
- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Fibromatosis](#)
- [Fibromyalgia](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Glioblastoma](#)

- [Glioma](#)
- [Glomerulonephritis](#)
- [Graft Occlusion](#)
- [Gram-Negative Bacterial Infections](#)
- [Hearing Loss](#)
- [Heart Defects](#)
- [Heart Diseases](#)
- [HELLP Syndrome](#)
- [Hemolytic-Uremic Syndrome](#)
- [Hemophilia A](#)
- [Hemorrhagic Disorders](#)
- [Hepatitis C](#)
- [Hypercholesterolemia](#)
- [Hyperhomocysteinemia](#)
- [Hyperinsulinism](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Infection](#)
- [Infertility](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Insulin Resistance](#)
- [Intracranial Aneurysm](#)

- [Intracranial Embolism](#)
- [Intracranial Embolism and Thrombosis](#)
- [Intracranial Thrombosis](#)
- [Iron Overload](#)
- [Ischemia](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Limb Deformities](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Liver Neoplasms](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Meningococcal Infections](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Mouth Neoplasms](#)
- [Multiple Organ Failure](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)

- [Myocardial Ischemia](#)
- [Necrosis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Pain](#)
- [Pancreatitis](#)
- [Peptic Ulcer Hemorrhage](#)
- [Periodontitis](#)
- [Peripheral Vascular Diseases](#)
- [Peritonitis](#)
- [Placenta Diseases](#)
- [Pneumococcal Infections](#)
- [Pneumoconiosis](#)
- [Pneumonia](#)
- [Polycystic Ovary Syndrome](#)
- [Postoperative Complications](#)
- [Postoperative Hemorrhage](#)

- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Protein C Deficiency](#)
- [Proteinuria](#)
- [Puberty](#)
- [Puerperal Disorders](#)
- [Pulmonary Disease](#)
- [Pulmonary Embolism](#)
- [Recurrence](#)
- [Renal Artery Obstruction](#)
- [Renal Insufficiency](#)
- [Respiratory Distress Syndrome](#)
- [Retinal Artery Occlusion](#)
- [Retinal Vein Occlusion](#)
- [Rhinitis](#)
- [Sclerosis](#)
- [Sepsis](#)
- [Shock](#)
- [Siderosis](#)
- [Sinusitis](#)
- [Skin Diseases](#)
- [Sleep Apnea](#)
- [Sleep Apnea Syndromes](#)

- [Small Cell Lung Carcinoma](#)
- [Stomach Neoplasms](#)
- [Stomach Ulcer](#)
- [Streptococcal Infections](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Syndrome](#)
- [Systemic Inflammatory Response Syndrome](#)
- [Tachycardia](#)
- [Thinness](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Thrombotic Microangiopathies](#)
- [Tobacco Use Disorder](#)
- [Uterine Diseases](#)
- [Vascular Diseases](#)
- [Venous Insufficiency](#)
- [Venous Thrombosis](#)
- [Ventricular Fibrillation](#)
- [Virilism](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)
- [Wounds and Injuries](#)