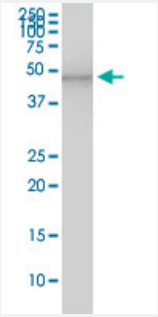
SERPINE1 (Human) IP-WB Antibody Pair

Catalog # H00005054-PW3 Size 1 Set

Applications



Immunoprecipitation of SERPINE1 transfected lysate using rabbit polyclonal anti-SERPINE1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-SERPINE1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of SERPINE1 transfected lysate using rabbit polyclonal anti-SERPINE1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-SERPINE1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-SERPINE1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-SERPINE1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

  Protocol Download

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Gene Info — SERPINE1

Entrez GeneID	5054
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 membe r 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 thr ombophilia. Alternatively spliced transcript variants encoding different isoforms have been found f or this gene. [provided by RefSeq
Other Designations	plasminogen activator inhibitor, type I|plasminogen activator inhibitor-1|serine (or cysteine) protein ase 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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