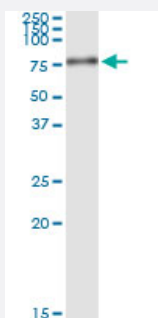


PLAT (Human) IP-WB Antibody Pair

Catalog # H00005327-PW1

Size 1 Set

Applications



Immunoprecipitation of PLAT transfected lysate using rabbit polyclonal anti-PLAT and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-PLAT.

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
Interspecies Antigen Sequence	Mouse (80%); Rat (81%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PLAT transfected lysate using rabbit polyclonal anti-PLAT and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-PLAT.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PLAT (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-PLAT (50 ul)
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](#)

Gene Info — PLAT

Entrez GeneID [5327](#)

Gene Name PLAT

Gene Alias DKFZp686I03148, T-PA, TPA

Gene Description plasminogen activator, tissue

Omim ID [173370](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes tissue-type plasminogen activator, a secreted serine protease which converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. Tissue-type plasminogen activator is synthesized as a single chain which is cleaved by plasmin to a two chain disulfide linked protein. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibrinolysis which can result in thrombosis or embolism. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations alteplase|plasminogen activator, tissue type|reteplase|t-plasminogen activator|tissue plasminogen activator (t-PA)

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Aneurysm](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)

- [Arthritis](#)
- [Atherosclerosis](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Chorioamnionitis](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Duodenal Ulcer](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Hypertension](#)
- [Infection](#)
- [Inflammation](#)
- [Intracranial Embolism and Thrombosis](#)
- [Ischemia](#)
- [Kidney Failure](#)

- [Metabolic Syndrome X](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Peptic Ulcer Hemorrhage](#)
- [Periodontitis](#)
- [Placenta Diseases](#)
- [Pneumoconiosis](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Recurrence](#)
- [Skin Diseases](#)
- [Stomach Ulcer](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Thyroid Neoplasms](#)
- [Vascular Diseases](#)

- [Venous Thrombosis](#)