

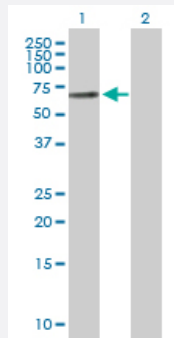
MaxPab®

PLAT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005327-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PLAT expression in transfected 293T cell line ([H00005327-T01](#)) by PLAT MaxPab polyclonal antibody.

Lane 1: PLAT transfected lysate(62.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

PLAT (NP_000921.1, 1 a.a. ~ 562 a.a) full-length human protein.

Sequence

MDAMKRGLCCVLLLCGAVFVSPSQEIHFRRGARSYQVICRDEKTQMIYQQHQSWLRPVLRSN
RVEYCWCNSGRAQCHSVPVKSCSEPRCFNGGTCQQALYFSDFVCQCPEGFAGKCCEIDTRAT
CYEDQGISYRGTWSTAESGAECTNWSSALAQKPYSGRPDAILGLGNHNYCRNPDRDSKPW
CYVFKAGKYSSEFCSTPACSEGNSDCYFGNGSAYRGTHSLTESGASCLPWNSMILIGKVYTAQNP
SAQALGLGKHNYCRNPDGDAKPWCHVLKNRRLTWEYCDVPSCSTCGLRQYSQPQFRIKGGLFA
DIASHPWQAAIFAKHRRSPGERFLCGGLISSCWLSAAHCFQERFPPHLLTVILGRTRYVVPGE
QKFEVEKYVHKEFDDDTYDNDIALQLKSDSSRCAQESSVVRTVCLPPADLQLPDWTECELSGY
GKHEALSPFYSERLKEAHVRLYPSSRCTSQHLLNRTVTDNMLCAGDTRSGGPQANLHDACQGD
SGGPLVCLNDGRMTLVGIISWGLGCGQKDVPGVYTKVTNYLDWIRDNMRP

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (80); Rat (82)

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

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[Protocol Download](#)

Gene Info — PLAT

Entrez GeneID[5327](#)**GeneBank Accession#**[NM_000930.2](#)**Protein Accession#**[NP_000921.1](#)**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](#)