

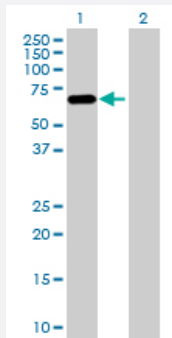
MaxPab®

PLAT MaxPab mouse polyclonal antibody (B01)

Catalog # H00005327-B01

Size 50 uL

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(61.82 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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

MDAMKRG LCCVLLLCGAVFVSPSQEI HARFRRGARSYQVICRDEKTQMIYQQHQSWLRPVLR SN
RVEYCWCNSGRAQCHSVPVKSCSEPRCFNGGTCQQALYFSD FVCQCPEGFAGKCCEIDTRAT
CYEDQGISYRGTWSTAESGAECTNWSSALAQKPYSGRRPDAIRLGLGNHNYCRNPDRDSKPW
CYVFKAGKYSSEFCSTPACSEGNSDCYFNGGSA YRGTHSLTESGASCLPWNSMILIGKVYTAQNP
SAQALGLGKHNYCRNPDGDAPWCHVLKNRRLTWEYCDVPSCSTCGLRQYSQPQFRIKGGLFA
DIASHPWQAAIFAKHRRSPGERFLCGGILISSCWILSAAHCFQERFPPHHLT VILGRTRYVVPGE EE
QKFEVEKEYVHKEFDDDTYDNDIAL LQLKSDSSRCAQESSVVRTVCLPPADLQLPDWTECELSGY
GKHEALSPFYSERLKEAHVRLYPSSRCTSQHLLNRTVTDNMLCAGDTRSGGPQANLHDACQGD
SGGPLVCLNDGRMTLVGIISWGLGCGQKDVPGVYTKVTNYLDWIRDNM RP

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (80); Rat (82)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

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

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Lane 2: Non-transfected lysate.

[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](#)