

DNAxPAb

Hard-to-Find
Antibody

PLAT DNAxPab

Catalog # H00005327-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PLAT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDAMKRGGLCCVLLLCGAVFVSPSQEIHFRRGARSYQVICRDEKTQMIYQQHQSWLRPVLRSN RVEYCWNSGRAQCHSVPVKSCSEPRCFNGGTCQQALYFSDFVCQCPEGFAGKCCEIDTRAT CYEDQGISYRGTWSTAESGAECTNWSSALAQKPYSGRRPDAILRLGLGNHNYCRNPDRDSKPW CYVFKAGKYSSEFCSTPACSEGNSDCYFGNGSAYRGTHSLTESGASCLPWNSMILIGKVYTAQNP SAQALGLGKHNYCRNPDGDAKPWCHVLKNRRLTWEYCDVPSCSTCGLRQYSQPQFRIKGGLFA DIASHPWQAAIFAKHRRSPGERFLCGGILSSCWLSAAHCFQERFPPHHLTILGRTRYRVVPGE QKFEVEKYVHKEFDDDTYDNDIALQLKSDSSRCAQESSVVRTVCLPPADLQLPDWTECELSGY GKHEALSPFYSERLKEAHVRLYPSSRCTSQHLLNRTVTDNMLCAGDTRSGGPQANLHDACQGD SGGPLVCLNDGRMTLVGIISWGLGCGQKDVPGVYTKVTNYLDWIRDNMRP
Host	Rabbit
Reactivity	Human
Purification	Protein A
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

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)