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PLAT / TPA Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16494

Specification

PLAT / TPA Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P00750
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**63kDa KDa**

PLAT / TPA Antibody - Additional Information

Gene ID 5327

Other Names
Tissue-type plasminogen activator, t-PA, t-plasminogen activator, tPA, 3.4.21.68, Alteplase, Reteplase, Tissue-type plasminogen activator chain A, Tissue-type plasminogen activator chain B, PLAT

Target/Specificity
Human PLAT / TPA

Reconstitution & Storage
Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

Precautions
PLAT / TPA Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PLAT / TPA Antibody - Protein Information

Name PLAT (HGNC:9051)

Function
Converts the abundant, but inactive, zymogen plasminogen to plasmin by hydrolyzing a single Arg-Val bond in plasminogen. By controlling plasmin-mediated proteolysis, it plays an important role in tissue remodeling and degradation, in cell migration and many other physiopathological events. During oocyte activation, plays a role in cortical granule reaction in the zona reaction, which contributes to the block to polyspermy (By similarity).

Cellular Location
Secreted, extracellular space.

Tissue Location
Synthesized in numerous tissues (including tumors) and secreted into most extracellular body

fluids, such as plasma, uterine fluid, saliva, gingival crevicular fluid, tears, seminal fluid, and milk

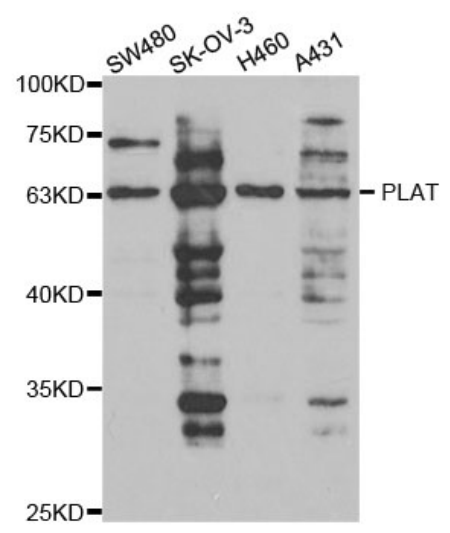
Volume
50 µl

PLAT / TPA Antibody - Protocols

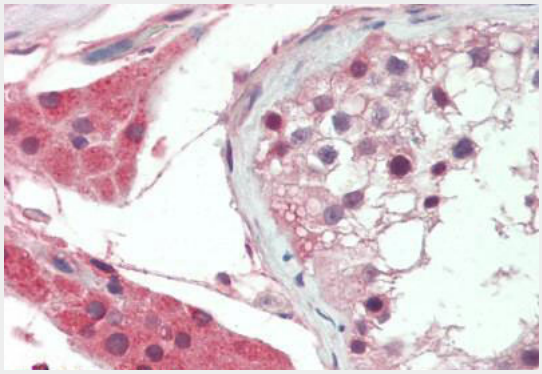
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PLAT / TPA Antibody - Images



Western blot analysis of extracts of various cell lines, using PLAT antibody.



Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)

PLAT / TPA Antibody - Background

Converts the abundant, but inactive, zymogen plasminogen to plasmin by hydrolyzing a single Arg-Val bond in plasminogen. By controlling plasmin-mediated proteolysis, it plays an important role in tissue remodeling and degradation, in cell migration and many other physiopathological events. Plays a direct role in facilitating neuronal migration.