

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

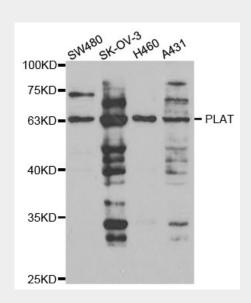
Volume 50 μl

PLAT / TPA Antibody - Protocols

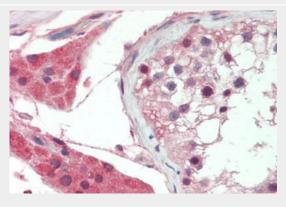
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PLAT / TPA Antibody - Images

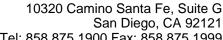


Western blot analysis of extracts of various cell lines, using PLAT antibody.



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

PLAT / TPA Antibody - Background





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