

Nur für Forschungszwecke

# tPA Polyklonaler Antikörper

Katalog-Nr.: 10147-1-AP

Vorgestelltes Produkt

16 Publikationen



## Allgemeine Informationen

Katalog-Nr.:

10147-1-AP

Größe:

150ul, Konzentration: 400 µg/ml von

Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG0200

GenBank-Zugangsnummer:

BC002795

GeneID (NCBI):

5327

Vollständiger Name:

plasminogen activator, tissue

Berechnete Masse:

57 kDa

Beobachtete Masse:

32-35 kDa, 65 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:3000

IP 0.5-4.0 µg für IP und 1:500-1:2000

für WB

IF 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB: Mausnierengewebe, Maus-Pankreasgewebe, Rattennierengewebe

IP: Mausnierengewebe,

IF: Maushirngewebe,

## Hintergrundinformationen

Plasminogen activator, tissue (PLAT, synonyms: TPA, T-PA) is a 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 (33 kDa and 32 kDa). PLAT 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. tPA has 4 isoforms produced by alternative splicing with the MW of 63 kDa, 33 kDa, 57 kDa and 44 kDa.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ling Chen	31550972	Cell Cycle	IF
Hui Tang	33330033	Front Oncol	WB
Dongsheng Sun	29157906	Int J Biol Macromol	WB

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

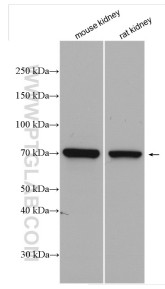
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

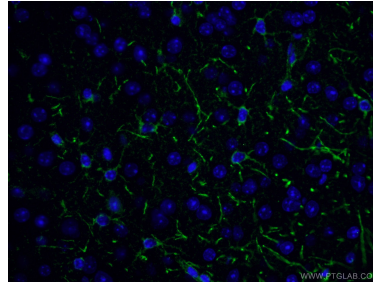
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

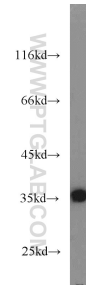
## Ausgewählte Validierungsdaten



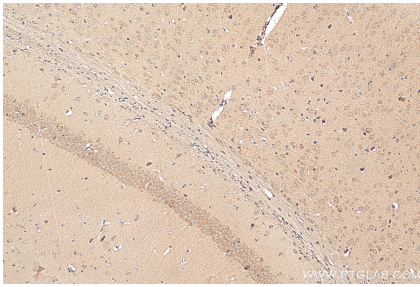
Various lysates were subjected to SDS PAGE followed by western blot with 10147-1-AP (tPA antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



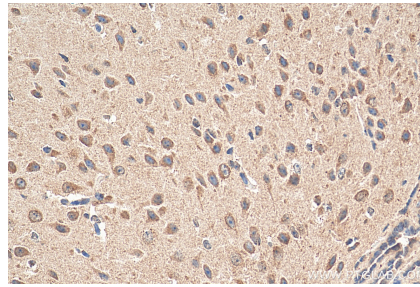
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 10147-1-AP (tPA antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



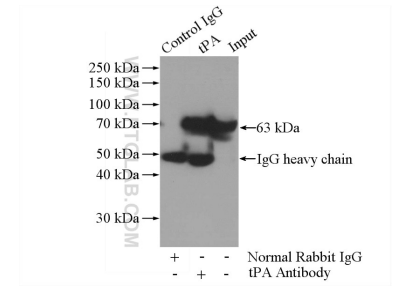
mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 10147-1-AP (tPA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10147-1-AP (tPA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10147-1-AP (tPA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-tPA (IP:10147-1-AP, 3ug; Detection:10147-1-AP 1:1000) with mouse kidney tissue lysate 4000ug.