

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-uPA/Urokinase



Numéro de catalogue: 17968-1-AP

Phare

35 Publications

## Informations de base

Numéro de catalogue:

17968-1-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG11813

Numéro d'acquisition GenBank:

BC013575

Identification du gène (NCBI):

5328

Nom complet:

plasminogen activator, urokinase

MW calculé

431 aa, 49 kDa

MW observés:

54 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

IF 1:20-1:200

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, Humain, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules DU 145, cellules A375, cellules HeLa, cellules LNCaP, tissu cérébral humain

IP : cellules HeLa,

IHC : tissu de cancer du sein humain, tissu cutané humain, tissu de cancer de la prostate humaine, tissu ovarien humain, tissu pulmonaire humain

IF : cellules HeLa,

## Informations générales

PLAU (Urokinase-type plasminogen activator) is also named as uPA and belongs to the peptidase S1 family. UPA initiates a proteolytic cascade, which degrades extracellular matrix during tissue growth and remodelling. The secreted proform of UPA is activated after binding to a specific high affinity cell surface receptor. Secreted UPA is exposed to rapid inactivation in the pericellular space by plasminogen activator inhibitor-1 (PAI-1), which is stored in the extracellular matrix bound to vitronectin (PMID:9665342). It has 2 isoforms produced by alternative splicing. Defects in PLAU are the cause of Quebec platelet disorder (QPD).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Lina Qiao	29113214	Oncol Lett	WB
Yukihiro Kohara	34534711	Bone	
Haiyan Fu, Yuan	34622165	iScience	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

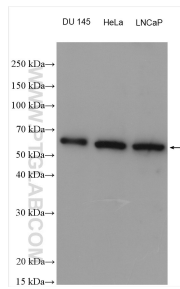
For technical support and original validation data for this product please contact:

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

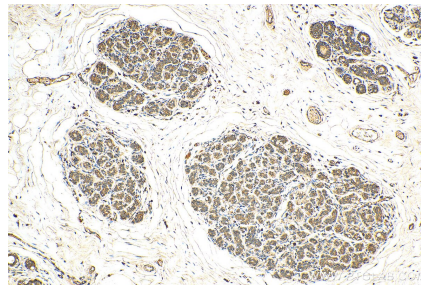
E: proteintech@ptglab.com  
W: ptglab.com

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

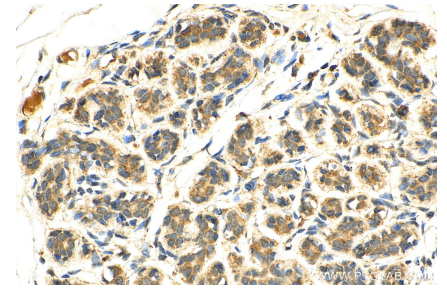
## Données de validation sélectionnées



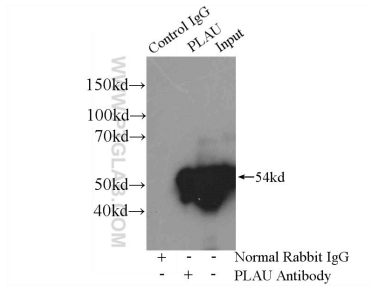
Various lysates were subjected to SDS PAGE followed by western blot with 17968-1-AP (uPA/Urokinase antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



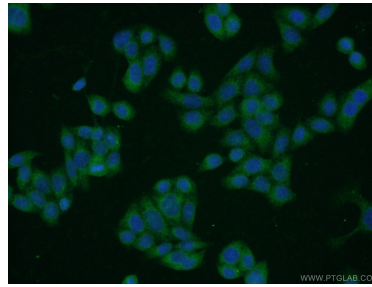
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17968-1-AP (uPA/Urokinase antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17968-1-AP (uPA/Urokinase antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-uPA (IP:17968-1-AP, 4ug; Detection:17968-1-AP 1:1000) with HeLa cells lysate 2800ug.



Immunofluorescent analysis of HeLa cells using 17968-1-AP (uPA antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).