

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-USP22



Numéro de catalogue: 55110-1-AP

Phare

10 Publications

## Informations de base

Numéro de catalogue:

55110-1-AP

Taille:

150ul, Concentration: 750 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM\_015276

Identification du gène (NCBI):

23326

Nom complet:

ubiquitin specific peptidase 22

MW calculé

60 kDa

MW observés:

58-60 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

## Applications

Applications testées:

IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules A549, cellules HepG2

IP : cellules HepG2,

## Informations générales

USP22, also named as KIAA1063 and USP3L, belongs to the peptidase C19 family and UBP8 subfamily. It is histone deubiquitinating component of the transcription regulatory histone acetylation (HAT) complex SAGA. USP22 catalyzes the deubiquitination of both histones H2A and H2B, thereby acting as a coactivator. It is recruited to specific gene promoters by activators such as MYC, where it is required for transcription. USP22 is required for nuclear receptor-mediated transactivation and cell cycle progression. USP22 has 2 isoforms with molecular mass of 58kDa and 60 kDa. The antibody is specific to USP22.

## Publications notables

| Autrice       | Pubmed ID | Journal           | Application  |
|---------------|-----------|-------------------|--------------|
| Dianyun Ren   | 34743406  | Mol Oncol         | WB,IP        |
| Zelong Han    | 36333288  | Cell Death Discov | WB,IHC,IF,IP |
| Qingxiang Liu | 29732405  | Sci Adv           | WB           |

## Stockage

Stockage:

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

Tampon de stockage:

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

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

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

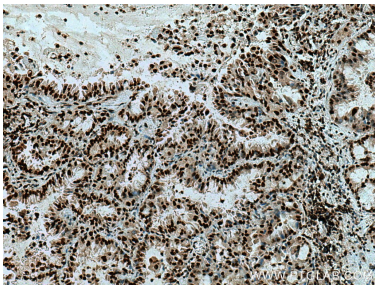
For technical support and original validation data for this product please contact:

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

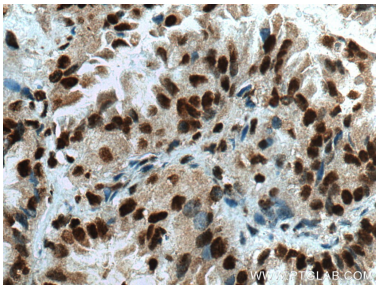
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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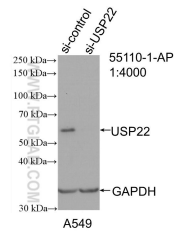
Données de validation sélectionnées



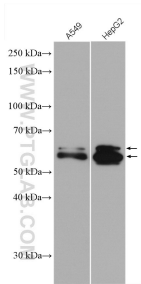
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55110-1-AP (USP22 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



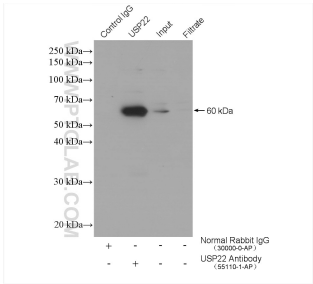
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55110-1-AP (USP22 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of USP22 antibody (55110-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP22 transfected A549 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 55110-1-AP (USP22 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-USP22 (IP:55110-1-AP, 4ug; Detection:55110-1-AP 1:500) with HepG2 cells lysate 4000 ug.