

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-UBE3A



Numéro de catalogue: 10344-1-AP

Phare

13 Publications

## Informations de base

Numéro de catalogue:  
10344-1-AP

Taille:  
150ul, Concentration: 750 µg/ml by  
Nanodrop;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG0346

Numéro d'acquisition GenBank:  
BC002582

Identification du gène (NCBI):  
7337

Nom complet:  
ubiquitin protein ligase E3A

MW calculé:  
852 aa, 98 kDa

MW observés:  
100 kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

Dilutions recommandées:  
WB 1:1000-1:5000  
IP 0.5-4.0 µg for IP and 1:200-1:1000  
for WB  
IHC 1:50-1:500  
IF 1:10-1:100

## Applications

Applications testées:  
IF, IHC, IP, WB, ELISA

Demandes citées:  
IF, IHC, IP, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, 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 HEK-293, cellules HeLa, cellules Jurkat, cellules K-562, tissu cérébral de souris, tissu pulmonaire de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer du poumon humain, tissu rénal de souris, tissu rénal humain

IF : cellules HeLa,

## Informations générales

UBE3A (Ubiquitin-protein ligase E3A) is also named as E6AP, EPVE6AP, HPVE6A and belongs to the E3 ubiquitin protein ligase family. It functions as both an E3 ligase in the ubiquitin proteasome pathway and as a transcriptional coactivator. It is also initially identified as a cellular protein that mediates in vitro association of the human papillomavirus E6 protein with p53, leading to the ubiquitin-dependent degradation of p53 (PMID:1661671). Defects in UBE3A are a cause of Angelman syndrome (AS) (PMID:10508479). It has 3 isoforms with MW of 97-101 kDa produced by alternative splicing.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Qilong Tan	36109631	Oncogene	WB, IHC, IF, IP
Justin M Wolter	33087932	Nature	WB
Haibo Xu	32369566	J Mol Cell Biol	IF

## 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.

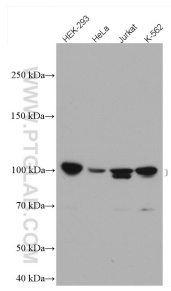
For technical support and original validation data for this product please contact:

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

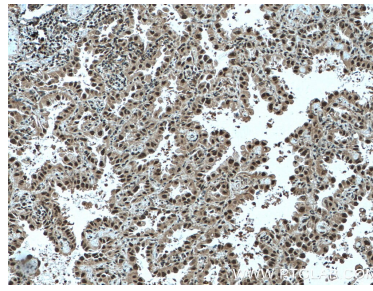
E: proteintech@ptglab.com  
W: ptglab.com

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

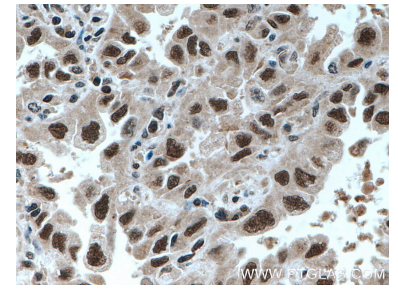
## Données de validation sélectionnées



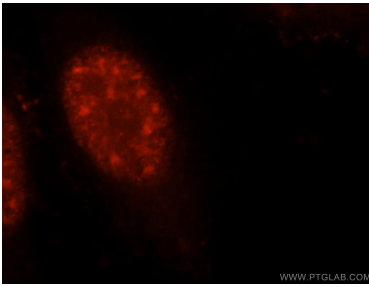
Various lysates were subjected to SDS PAGE followed by western blot with 10344-1-AP (UBE3A antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



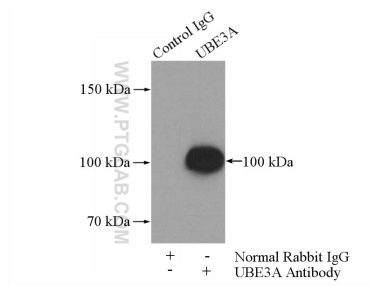
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10344-1-AP (UBE3A antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10344-1-AP (UBE3A antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells, using UBE3A antibody 10344-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-UBE3A (IP:10344-1-AP, 4ug; Detection:10344-1-AP 1:300) with mouse brain tissue lysate 4000ug.