

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-VPS72



Numéro de catalogue: 15143-1-AP

Phare

1 Publications

## Informations de base

Numéro de catalogue:

15143-1-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7424

Numéro d'acquisition GenBank:

BC003151

Identification du gène (NCBI):

6944

Nom complet:

vacuolar protein sorting 72 homolog (S. cerevisiae)

MW calculé

41 kDa

MW observés:

57 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

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

IHC 1:500-1:2000

## Applications

Applications testées:

IHC, IP, WB, ELISA

Spécificité de l'espèce:

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 HeLa, cellules A549, cellules NIH/3T3, tissu de muscle squelettique de souris

IP: cellules NIH/3T3,

IHC: tissu d'hyperplasie mammaire humain,

## Informations générales

The mammalian TRRAP/TIP60-containing histone acetyltransferase (HAT) complex, which exists in Drosophila melanogaster and mammalian cells, is a complex that is responsible for various cellular processes, including DNA repair, transcriptional activation and apoptosis. Vacuolar protein sorting-associated protein 72 homolog (VPS72), also known as VPS72 or Transcription factor-like 1, is a 364 amino acid subunit of the TRRAP/TIP60 HAT complex. VPS72 has also been identified as a subunit of a novel complex containing SNF2-related helicase SRCAP (SWI2/SNF2-related CBP activator protein). This SRCAP-containing complex is very similar to the S. cerevisiae SWR1 chromatin remodeling complex. The involvement of VPS72 in these complexes has suggested that VPS72 plays multiple roles in chromatin modification and remodeling in cells. VPS72 localizes to the nucleus and is phosphorylated upon DNA damage, most likely by ATM or ATR.

## Publications notables

Autrice

Sophie Barral

Pubmed ID

28366643

Journal

Mol Cell

Application

## 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.

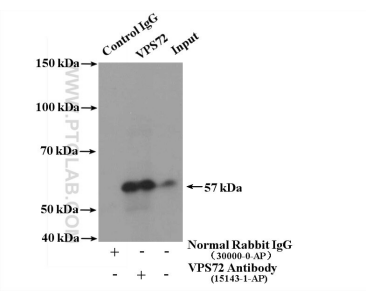
For technical support and original validation data for this product please contact:

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

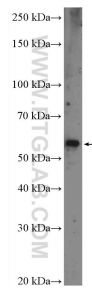
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

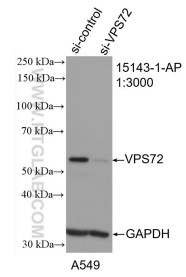
## Données de validation sélectionnées



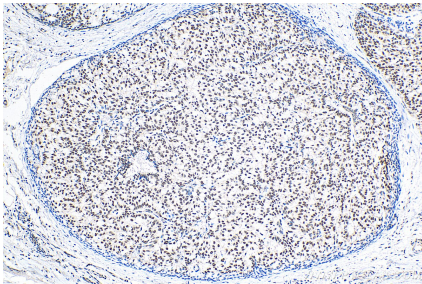
IP result of anti-VPS72 (IP:15143-1-AP, 4 $\mu$ g; Detection:15143-1-AP 1:500) with NIH/3T3 cells lysate 4000  $\mu$ g.



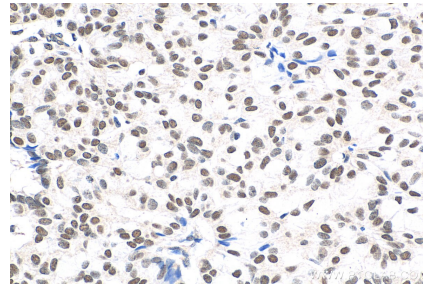
HeLa cells were subjected to SDS PAGE followed by western blot with 15143-1-AP (VPS72 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



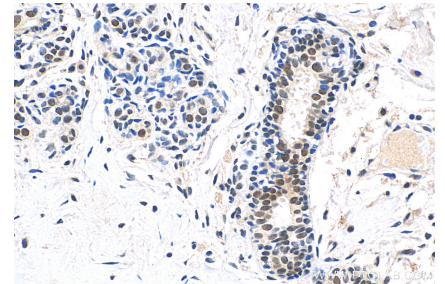
WB result of VPS72 antibody (15143-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-VPS72 transfected A549 cells.



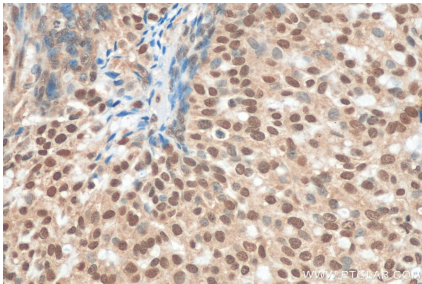
Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 15143-1-AP (VPS72 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 15143-1-AP (VPS72 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 15143-1-AP (VPS72 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 15143-1-AP (VPS72 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).