

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-USP5



Numéro de catalogue: 15158-1-AP

Phare

3 Publications

## Informations de base

Numéro de catalogue:  
15158-1-AP

Taille:  
150ul, Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG7252

Numéro d'acquisition GenBank:  
BC005139

Identification du gène (NCBI):  
8078

Nom complet:  
ubiquitin specific peptidase 5 (isopeptidase T)

MW calculé

96 kDa

MW observés:

95-105 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:500-1:3000  
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

## Applications

Applications testées:  
IP, WB, ELISA

Demandes citées:  
IF, IP, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
souris

Contrôles positifs:

WB : tissu pulmonaire de souris, cellules A549, cellules HeLa, cellules MDA-MB-453s, tissu cérébral de rat, tissu cérébral humain, tissu pulmonaire de rat

IP : tissu cérébral de souris,

## Informations générales

USP5, also named as ISOT, belongs to the peptidase C19 family. Knock-down of USP5 causes the accumulation of TP53/p53 and an increase in TP53/p53 transcriptional activity because the unanchored polyubiquitin that accumulates is able to compete with ubiquitinated TP53/p53 but not with MDM2 for proteasomal recognition. USP5 is a potential target for p53 activating therapeutic agents for the treatment of cancer (PMID: 19098288). It is a novel proteasome associated protein (PMID: 19182904). USP5 cleaves linear and branched multiubiquitin polymers with a marked preference for branched polymers.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Agustin García-Caballero	25189210	Neuron	WB, IP, IF
Mufeng Du	33913576	FASEB J	WB
Shiori Tomita	30552955	Toxicology	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 -20°C

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

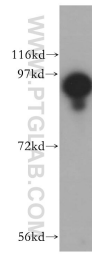
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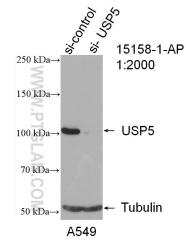
E: proteintech@ptglab.com  
W: ptglab.com

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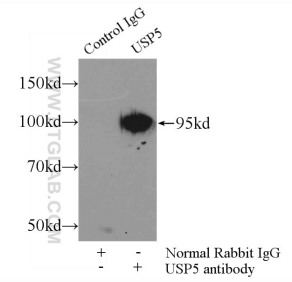
## Données de validation sélectionnées



mouse lung tissue were subjected to SDS PAGE followed by western blot with 15158-1-AP (USP5 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



WB result of USP5 antibody (15158-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP5 transfected A549 cells.



IP Result of anti-USP5 (IP:15158-1-AP, 4ug; Detection:15158-1-AP 1:1.000) with mouse brain tissue lysate 4000ug.