

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-p115, USO1



Numéro de catalogue: 13509-1-AP

Phare

19 Publications

Informations de base

Numéro de catalogue:
13509-1-AP

Taille:
150ul, Concentration: 550 µg/ml by Nanodrop and 193 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG4431

Numéro d'acquisition GenBank:
BC032654

Identification du gène (NCBI):
8615
Nom complet:
USO1 homolog, vesicle docking protein (yeast)

MW calculé:
962 aa, 108 kDa

MW observés:
115 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 1:500-1:3000 for WB
IHC 1:50-1:500
IF 1:500-1:2000

Applications

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

Demandes citées:
IF, 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; (*) A 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 HepG2, cellules SH-SY5Y, tissu cérébral humain, tissu de thymus de souris, tissu testiculaire de souris

IP : tissu cérébral de souris,

IHC : tissu de gliome humain,

IF : cellules HeLa,

Informations générales

p115, also known as USO1, TAP (transcytosis-associated protein) or VDP (vesicle docking protein) is a general vesicular transport factor and plays an important role at different steps of vesicular transport. It is a 962-residue peripheral membrane protein which recycles between the cytosol and the Golgi apparatus during interphase (PMID: 9478999). p115 forms stable homodimers (PMID: 19247479). Rab1 recruits p115 to coat protein complex II (COPII) vesicles during budding from the endoplasmic reticulum, where p115 interacts directly with a select set of SNARE proteins (PMID: 10903204). p115 is required for intra-Golgi transport, and also functions in endoplasmic reticulum to Golgi trafficking, Golgi biogenesis and exocytotic transport (PMID: 19247479).

Publications notables

Autrice	Pubmed ID	Journal	Application
Mohsan Saeed	32997711	PLoS Pathog	WB
Guillermo Arango Duque	34580108	J Immunol	IF
Jing Wang	29025970	J Cell Sci	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.

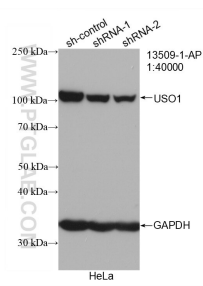
For technical support and original validation data for this product please contact:

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

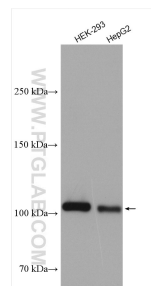
E: proteintech@ptglab.com
W: ptglab.com

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

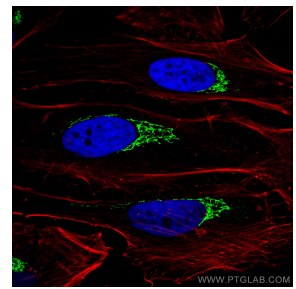
Données de validation sélectionnées



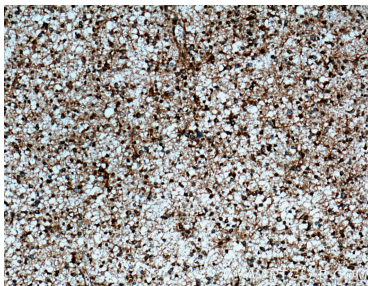
WB result of p115; USO1 antibody (13509-1-AP; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-p115, USO1 transfected HeLa cells.



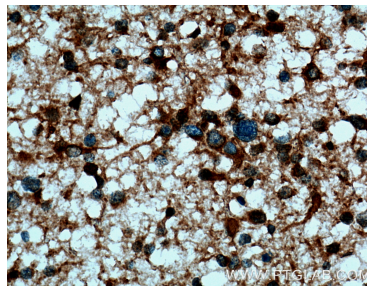
Various lysates were subjected to SDS PAGE followed by western blot with 13509-1-AP (p115, USO1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



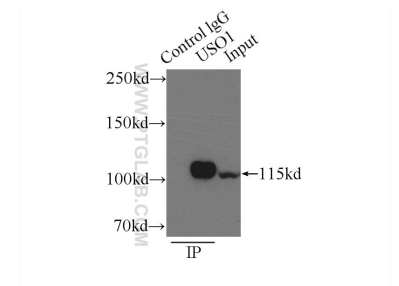
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using p115, USO1 antibody (13509-1-AP) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13509-1-AP (p115, USO1 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 gliomas tissue slide using 13509-1-AP (p115, USO1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-p115, USO1 (IP:13509-1-AP, 3ug; Detection:13509-1-AP 1:1500) with mouse brain tissue lysate 7000ug.