

Nur für Forschungszwecke

p115, USO1 Polyklonaler Antikörper



Katalog-Nr.:13509-1-AP

Vorgestelltes Produkt

18 Publikationen

Allgemeine Informationen

Katalog-Nr.:
13509-1-AP

Größe:
150ul, Konzentration: 550 µg/ml von
Nanodrop und 193 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG4431

GenBank-Zugangsnummer:
BC032654

GeneID (NCBI):
8615

Vollständiger Name:
USO1 homolog, vesicle docking
protein (yeast)

Berechnete Masse:
962 aa, 108 kDa

Beobachtete Masse:
115 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:8000

IP 0.5-4.0 µg für IP und 1:500-1:3000
für WB

IHC 1:50-1:500

IF 1:500-1:2000

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

**Hinweis-IHC: Antigenmaskierung mit TE-
Puffer pH 9,0 empfohlen. (*) Wahlweise
kann die Antigenmaskierung auch mit
Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen,
humanes Hirngewebe, Mauthodengewebe, Maus-
Thymusgewebe, SH-SY5Y-Zellen

IP : Mauthirngewebe,

IHC : humanes Gliomgewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

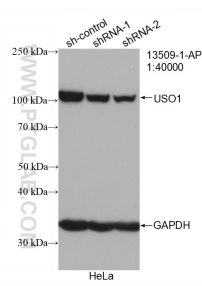
For technical support and original validation data for this product please contact:

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

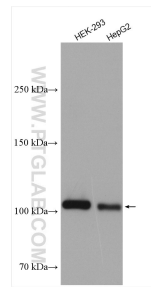
E: proteintech@ptglab.com
W: ptglab.com

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

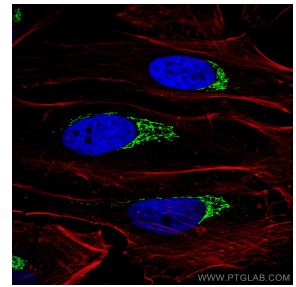
Ausgewählte Validierungsdaten



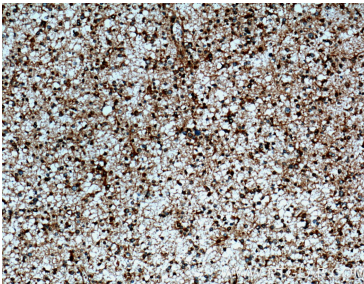
WB result of p115; USO1 antibody (13509-1-AP; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-p115, USO1 transfected HeLa cells.



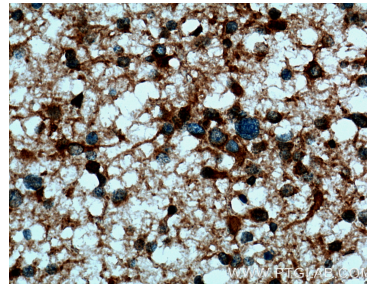
Various lysates were subjected to SDS PAGE followed by western blot with 13509-1-AP (p115, USO1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



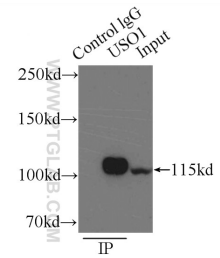
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using p115, USO1 antibody (13509-1-AP) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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.