

For Research Use Only

USP11 Polyclonal antibody

Catalog Number: 22340-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

22340-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17829

GenBank Accession Number:

BC000350

GeneID (NCBI):

8237

UNIPROT ID:

P51784

Full Name:

ubiquitin specific peptidase 11

Calculated MW:

963 aa, 110 kDa

Observed MW:

110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:6000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:50-1:500

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Jurkat cells, A549 cells, HEK-293 cells, human testis tissue

IP: HEK-293 cells,

IHC: human breast cancer tissue, human brain tissue, human liver cancer tissue, human testis tissue

IF/ICC: HEK-293 cells,

Background Information

USP11(Ubiquitin carboxyl-terminal hydrolase 11) is also named as UHX1 and belongs to the peptidase C19 family. It is a deubiquitinating enzyme that controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction.

Notable Publications

Author	Pubmed ID	Journal	Application
Yan Yan	36198316	Cell	WB,IF
Sheng Zhang	29545598	Lab Invest	WB,IHC
Qi Jin	36490346	Sci Adv	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

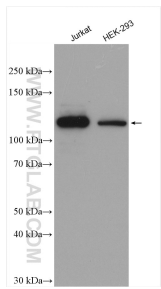
For technical support and original validation data for this product please contact:

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

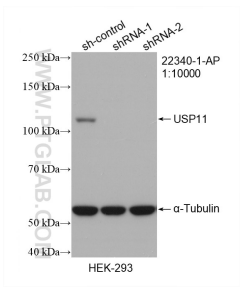
E: proteintech@ptglab.com
W: ptglab.com

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

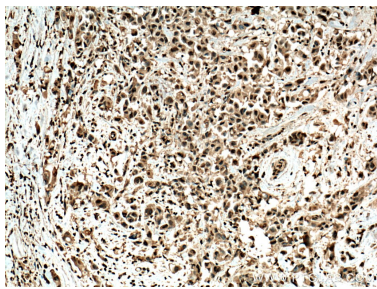
Selected Validation Data



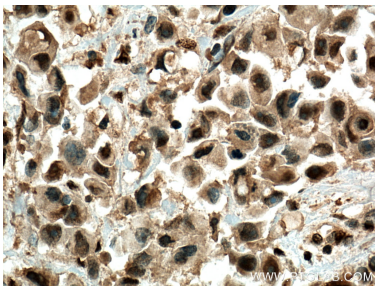
Various lysates were subjected to SDS PAGE followed by western blot with 22340-1-AP (USP11 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



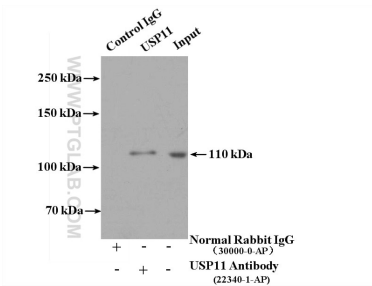
WB result of USP11 antibody (22340-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP11 transfected HEK-293 cells.



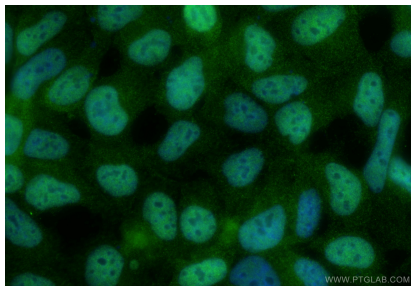
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22340-1-AP (USP11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22340-1-AP (USP11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-USP11 (IP:22340-1-AP, 4ug; Detection:22340-1-AP 1:2000) with HEK-293 cells lysate 2400ug.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using USP11 antibody (22340-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).