

For Research Use Only

UBC13 Polyclonal antibody

Catalog Number: 10243-1-AP

6 Publications



Basic Information

Catalog Number:

10243-1-AP

Concentration:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0292

GenBank Accession Number:

BC000396

GeneID (NCBI):

7334

UNIPROT ID:

P61088

Full Name:

ubiquitin-conjugating enzyme E2N
(UBC13 homolog, yeast)

Calculated MW:

17 kDa

Observed MW:

17 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

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

IHC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, IP, ChIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, pig, monkey

**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 : mouse thymus tissue, human heart tissue, Jurkat
cells, mouse small intestine tissue

IP : MCF-7 cells,

IHC : human colon tissue, human breast cancer tissue

Background Information

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. UBE2N is a member of the E2 ubiquitin-conjugating enzyme family. Studies in mouse suggest that this protein plays a role in DNA postreplication repair.

Notable Publications

Author	Pubmed ID	Journal	Application
Nitchakarn Kaokhum	36182100	Mol Cell Proteomics	WB
Bin Li	36717587	Nat Commun	WB,IP
Floriana Mulas	32024978	Cell Mol Immunol	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

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

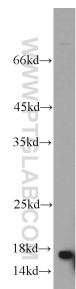
T: 4006900926

E: Proteintech-CN@ptglab.com

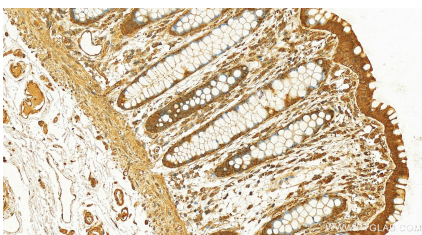
W: ptgcn.com

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

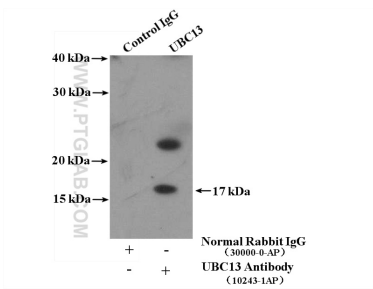
Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 10243-1-AP (UBC 13 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 10243-1-AP (UBC 13 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-UBC13 (IP:10243-1-AP, 4ug; Detection:10243-1-AP 1:600) with MCF-7 cells lysate 1280ug.