

UBC13 Polyclonal antibody

Catalog Number: 10243-1-AP

4 Publications

Basic Information

Catalog Number:

10243-1-AP

Size:

300 µg/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 µg for 1.0-3.0 mg of total
protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IHC, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, pig

**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 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

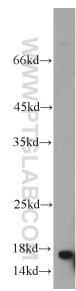
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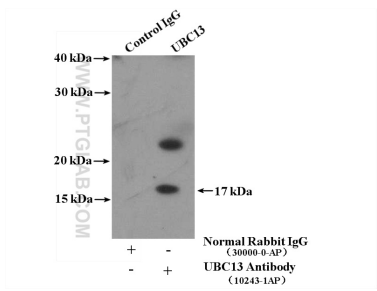
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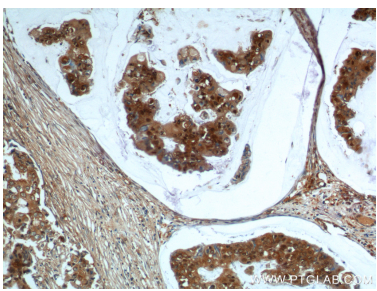
Selected Validation Data



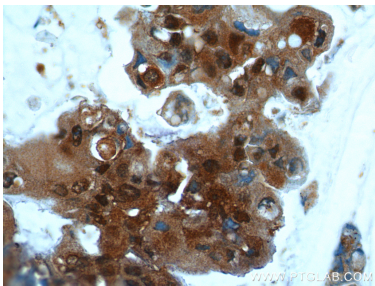
mouse thymus tissue were subjected to SDS PAGE followed by western blot with 10243-1-AP (UBC13 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10243-1-AP (UBC13 antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10243-1-AP (UBC13 antibody at dilution of 1:200 (under 40x lens).