

UBC13 Polyclonal ANTIBODY

Catalog Number: 10243-1-AP

Basic Information

Catalog Number: 10243-1-AP	GenBank Accession Number: BC000396	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB IHC 1:20-1:200
Size: 33 µg/150 µl	GeneID (NCBI): 7334	
Source: Rabbit	Full Name: ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast)	
Isotype: IgG	Calculated MW: 17 kDa	
Purification Method: Antigen affinity purification	Observed MW: 17 kDa	
Immunogen Catalog Number: AG0292		

Applications

Tested Applications:

IHC, IP, WB, ELISA

Species Specificity:

human,mouse,rat

Note: 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
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Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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)

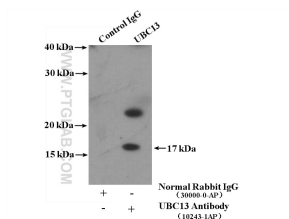
E: proteintech@ptglab.com
W: ptglab.com

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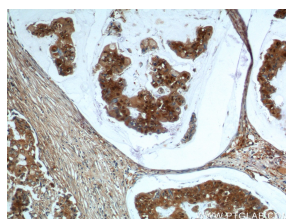
Selected Validation Data



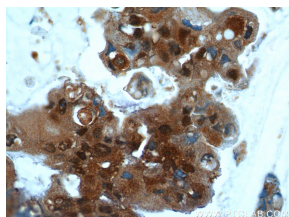
mouse thymus tissue were subjected to SDS PAGE followed by western blot with 10243-1-AP(UBC13 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours



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



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



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