

## Ube2N Rabbit mAb

Catalog No: #49943

Package Size: #49943-1 50ul #49943-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

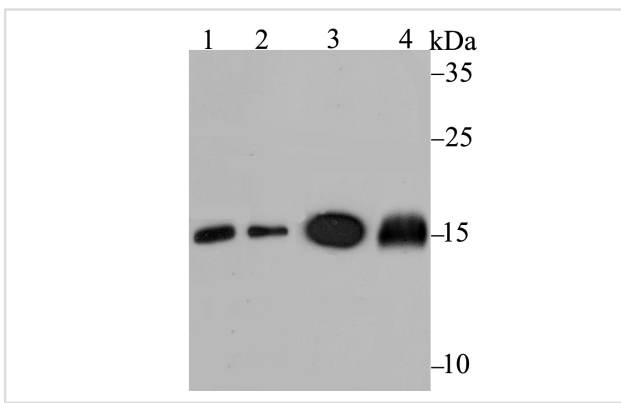
## Description

Product Name	Ube2N Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG38-68
Purification	ProA affinity purified
Applications	WB
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human Ube2N aa 1-150.
Other Names	Bendless like ubiquitin conjugating enzyme antibody    Bendless-like ubiquitin-conjugating enzyme antibody BLU antibody EC 6.3.2.19 antibody    Epididymis secretory protein Li 71 antibody    HEL-S-71 antibody Human epidermoid carcinoma mRNA for ubiquitin-conjugating enzyme E2 similar to Drosophila bendless gene product complete cds antibody    MGC131857 antibody    MGC8489 antibody    UBC 13 antibody    Ubc13 antibody    UbCH ben antibody    Ubch-ben antibody    Ubch13 antibody    UBCHBEN antibody    Ube 2N antibody    Ube2n antibody    UBE2N_HUMAN antibody    Ubiquitin carrier protein N antibody    Ubiquitin conjugating enzyme E2 N antibody    Ubiquitin conjugating enzyme E2N (homologous to yeast UBC13) antibody    Ubiquitin conjugating enzyme E2N (UBC13 homolog yeast) antibody    Ubiquitin conjugating enzyme E2N antibody    Ubiquitin protein ligase N antibody    Ubiquitin-conjugating enzyme E2 N antibody    Ubiquitin-protein ligase N antibody    Yeast UBC13 homolog antibody
Accession No.	Swiss-Prot#:P61088
Uniprot	P61088
GeneID	7334;
Calculated MW	17 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:500-1:2,000

## Images



Western blot analysis of Ube2N on different lysates using anti-Ube2N antibody at 1/1,000 dilution. Positive control: Lane 1: Daudi Lane 2: SH-SY-5Y Lane 3: Mouse spleen Lane 4: Rat spleen

## Background

Ube2N, a member of the E2 Ubiquitin-conjugating enzyme family, completes the second step of ubiquitination reactions, essentially targeting proteins for proteasomic degradation. When proteins are modified with ubiquitin in an important cellular mechanism targeting abnormal or short lived proteins, ubiquitin, a short protein of 76 amino acids, attaches to a lysine residue resting on the target protein. Multiple cycles of ubiquitination create a polyubiquitin chain that the proteasome recognizes and subsequently triggers the ATP-dependent unfolding of the target protein. This allows proteolytic degradation of the target protein. These degradation products are highly expressed in heart and skeletal muscles. Ube2N moderates the transcriptional activation of target genes, affects the progress of cell differentiation and aging, and also influences the DNA repair pathway, further adding to the survival of cells after DNA damage.

## References

Note: This product is for in vitro research use only