

## Ube2N polyclonal antibody

Catalog: BS91399

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

17 kDa

### Swiss-Prot:

P61088(Human) P61089(Mouse) Q9EQX9(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:500-1:2,000

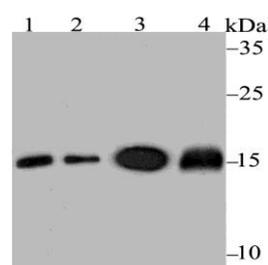
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

### Specificity:

Ube2N polyclonal antibody detects endogenous levels of Ube2N protein.

### DATA:



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

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151