

PRODUCT DATA SHEET

Bioworld Technology,Inc.

UBE2D2 polyclonal antibody

Catalog: BS5969 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Rub1 shares 53% homology with ubiquitin and requires activation via the E2 proteins, including Ula1, Uba3 and Ubc12, in order to conjugate to substrates directed to different proteolytic systems. UBE2D2 catalyzes ubiquitination of IkBa in a phosphorylation and SCFB-TRCP dependent manner. In this particular reaction, E1 first transfers ubiquitin to the E2 component UBE2D2, and UBE2D2 then associates with E3 ligase, which conjugates the poly-ubiquitin chain on a target protein. In this fashion, the chain tags the IkBa for degradation by a proteasome thus lifting the inhibitory effect of IkBa on NFkB and allowing NFkB to enter the nucleus.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 17 kDa

Swiss-Prot:

P62837

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

ICC: 1:50~1:200

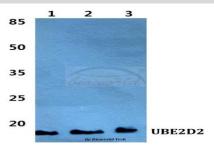
Storage&Stability:

Store at $4\,\mathrm{C}$ short term. Aliquot and store at -20 C long term. Avoid freeze-thaw cycles.

Specificity:

UBE2D2 polyclonal antibody detects endogenous levels of UBE2D2 protein.

DATA:



Western blot (WB) analysis of UBE2D2 polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:Raw264.7 cell lysate

Lane3:H9C2 cell lysate

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: <u>info@bioworlde.com</u>

Tel: 6123263284 Fax: 6122933841 Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046,

P. R. China.

Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151