

## UBE2E3 polyclonal antibody

Catalog: BS60540

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. The first step requires the ATP-dependent activation of the Ub C-terminus and the assembly of multi-Ub chains by the Ub-activating enzyme known as the E1 component. The Ub chain is then conjugated to the Ub-conjugating enzyme (E2) to generate an intermediate Ub-E2 complex. The Ub-ligase (E3) then catalyzes the transfer of Ub from E2 to the appropriate protein substrate. A wide range of enzymes facilitate in the proteolytic Ub pathway including UBE2E3, also designated UBCH9, which catalyzes the covalent attachment of ubiquitin to other proteins and is involved in the regulation of transepithelial sodium transport in renal cells. UBE2E3 may also be involved in cell growth arrest. The UBE2E3 protein shuttles between the cytoplasm and nucleus in a IPO11-dependent manner. It is ubiquitously expressed at low levels and is highly expressed in skeletal muscle.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 23 kDa

### Swiss-Prot:

Q969T4

### 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

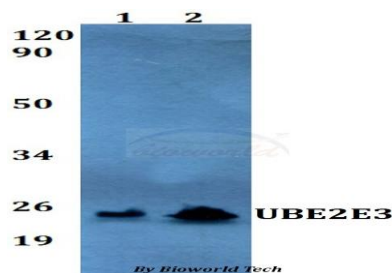
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

UBE2E3 polyclonal antibody detects endogenous levels of UBE2E3 protein.

### DATA:



Western blot (WB) analysis of UBE2E3 polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:PC12 whole 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: [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