

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 I κ B α 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 I κ B α for degradation by a proteasome thus lifting the inhibitory effect of I κ B α on NF κ B and allowing NF κ B 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 °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.

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