



PRODUCT DATA SHEET

Bioworld Technology, Inc.

FBXO9 polyclonal antibody

Catalog: BS32385

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

F-box only protein 9: Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins and plays a role in several biological processes such as cell cycle, cell proliferation, or maintenance of chromosome stability. Ubiquitinates mTORC1-bound TTI1 and TEO2 when they are phosphorylated by CK2 following growth factor deprivation, leading to their degradation. In contrast, does not mediate ubiquitination of TTI1 and TEO2 when they are part of the mTORC2 complex. As a consequence, mTORC1 is inactivated to restrain cell growth and protein translation, while mTORC2 is the activated due to the relief of feedback inhibition by mTORC1. Plays a role in maintaining epithelial cell survival by regulating the turn-over of chromatin modulator PRMT4 through ubiquitination and degradation b...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~52.3 kDa

Swiss-Prot:

Q9UK97

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

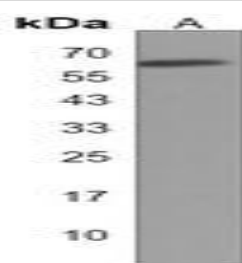
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of FBXO9 protein.

DATA:



Western blot analysis of Tyrosinase expression in human melanoma (A) whole cell lysates.

Immunofluorescent analysis of Tyrosinase staining in HepG2 cells.

Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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