



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### UBXN10 polyclonal antibody

Catalog: BS34737

Host: Rabbit

Reactivity: Human, Mouse

#### BackGround:

UBX domain-containing protein 10: VCP/p97-binding protein required for ciliogenesis . Acts as a tethering factor that facilitates recruitment of VCP/p97 to the intraflagellar transport complex B (IFT-B) in cilia . UBX domain-containing proteins act as tethering factors for VCP/p97 and may specify substrate specificity of VCP/p97

#### Product:

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

#### Molecular Weight:

~30.8 kDa

#### Swiss-Prot:

Q96LJ8

#### 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 UBXN10 protein

#### DATA:

Western blot analysis of MMP2 expression in T47D (A) whole cell lysates.

Immunohistochemical analysis of MMP2 staining in human gastric carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunofluorescent analysis of MMP2 staining in MCF7 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 a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

#### Note:

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

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