



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### TTC12 polyclonal antibody

Catalog: BS35806

Host: Rabbit

Reactivity: Human, Mouse

#### BackGround:

Tetratricopeptide repeat protein 12: Cytoplasmic protein that plays a role in the proper assembly of dynein arm complexes in motile cilia in both respiratory cells and sperm flagella

#### Product:

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

#### Molecular Weight:

~78.8 kDa

#### Swiss-Prot:

Q9H892

#### 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 TTC12 protein

#### DATA:

Western blot analysis of GRP78 expression in Hela (A), C6 (B), Lncap (C), MDAMB468 (D) whole cell lysates.

Immunohistochemical analysis of GRP78 staining in human colon cancer 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 GRP78 staining in HeLa 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.

#### Note:

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

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