



PRODUCT DATA SHEET

Bioworld Technology, Inc.

TTC18 polyclonal antibody

Catalog: BS33885

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Cilia- and flagella-associated protein 70: Axoneme-binding protein that plays a role in the regulation of ciliary motility and cilium length. Essential for the assembly of the sperm flagellum and the correct shaping of the sperm head, during spermiogenesis. Contributes in part to flagellar biogenesis by stabilizing QRICH2, promoting the cytoplasmic preassembly of CFAP61 and CFAP91, and regulating the manchette localization of axoneme-associated proteins such as IFT88, DNAI1 and CFAP61

Product:

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

Molecular Weight:

~126 kDa

Swiss-Prot:

Q5T0N1

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 TTC18 protein

DATA:

Western blot analysis of Dysferlin expression in mouse skeletal muscle (A) whole cell lysates.

Immunofluorescent analysis of Dysferlin 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 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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