



PRODUCT DATA SHEET

Bioworld Technology, Inc.

C19orf54 polyclonal antibody

Catalog: BS33507

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Actin maturation protease that specifically mediates the cleavage of immature acetylated N-terminal actin, thereby contributing to actin maturation . Cleaves N-terminal acetylated methionine of immature cytoplasmic beta- and gamma-actins ACTB and ACTG1 after translation . Cleaves N-terminal acetylated cysteine of muscle alpha-actins ACTA1, ACTC1 and ACTA2 after canonical removal of N-terminal methionine (By similarity)

Product:

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

Molecular Weight:

~37.8 kDa

Swiss-Prot:

Q5BKX5

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 C19orf54 protein

DATA:

Western blot analysis of MSK1 (Phospho-S360) expression in mouse liver (A), mouse muscle (B) whole cell lysates.

Immunohistochemical analysis of MSK1 (Phospho-S360) staining in human breast 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 MSK1 (Phospho-S360) staining in NIH3T3 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

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

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