



PRODUCT DATA SHEET

Bioworld Technology, Inc.

DEF8 polyclonal antibody

Catalog: BS31812

Host: Rabbit

Reactivity: Human

BackGround:

Differentially expressed in FDCP 8 homolog; Positively regulates lysosome peripheral distribution and ruffled border formation in osteoclasts. Involved in bone resorption

Product:

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

Molecular Weight:

~58.7 kDa

Swiss-Prot:

Q6ZN54

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

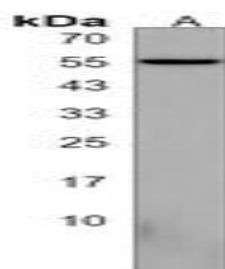
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of DEF8 protein.

DATA:



Western blot analysis of PAK4 (Phospho-S474) expression in PC3 (A), MCF7 (B), NIH3T3 (C), PC12 (D) whole cell lysates.

Immunohistochemical analysis of PAK4 (Phospho-S474) staining in human prostate 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 PAK4 (Phospho-S474) staining in Raw264.7 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 DyLight 594-conjugated secondary antibody (red) 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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