



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SVIL polyclonal antibody

Catalog: BS33078

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Supervillin: Forms a high-affinity link between the actin cytoskeleton and the membrane. Is among the first costameric proteins to assemble during myogenesis and it contributes to myogenic membrane structure and differentiation. Appears to be involved in myosin II assembly. May modulate myosin II regulation through MLCK during cell spreading, an initial step in cell migration. May play a role in invadopodial function. In addition to its cytoskeletal activities, acts as a cofactor or scaffold for KDM1A, facilitating H3K9me2 demethylation and promoting gene activation, especially in neuronal contexts

Product:

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

Molecular Weight:

~248 kDa

Swiss-Prot:

O95425

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 SVIL protein

DATA:

Western blot analysis of ZNF195 expression in SW620 (A), A549 (B), mouse heart (C), rat brain (D) whole cell lysates.

Immunofluorescent analysis of ZNF195 staining in A549 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.

Note:

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

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