



PRODUCT DATA SHEET

Bioworld Technology, Inc.

DTNB polyclonal antibody

Catalog: BS35012

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Dystrobrevin beta: Scaffolding protein that assembles DMD and SNTA1 molecules to the basal membrane of kidney cells and liver sinusoids (By similarity). May function as a repressor of the SYN1 promoter through the binding of repressor element-1 (RE-1), in turn regulates SYN1 expression and may be involved in cell proliferation regulation during the early phase of neural differentiation. May be required for proper maturation and function of a subset of inhibitory synapses (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:

~71.4 kDa

Swiss-Prot:

O60941

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 DTNB protein

DATA:

Western blot analysis of PSMD14 expression in A549 (A), Raji (B), mouse heart (C), mouse liver (D) whole cell lysates.

Immunofluorescent analysis of PSMD14 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. DAPI was used to stain the cell nuclei (blue).

Note:

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

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