



PRODUCT DATA SHEET

Bioworld Technology, Inc.

UNC79 polyclonal antibody

Catalog: BS33990

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Protein unc-79 homolog: Auxiliary subunit of the NALCN channelosome complex, which regulates the resting membrane potential by depolarizing sodium leak currents. The NALCN channelosome complex is a voltage-gated ion channel responsible for the resting Na(+) permeability that controls neuronal excitability. The NALCN channelosome is constitutively active and conducts monovalent cations but is blocked by physiological concentrations of extracellular divalent cations. Activated by neuropeptides substance P, neurotensin, and extracellular Ca(2+) that regulates neuronal excitability by controlling the sizes of NALCN-dependent sodium-leak current (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:

~295 kDa

Swiss-Prot:

Q9P2D8

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 UNC79 protein

DATA:

Western blot analysis of Oncostatin M expression in HepG2 (A),

NIH3T3 (B), mouse heart (C) whole cell lysates.

Immunofluorescent analysis of Oncostatin M staining in L929 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 Alexa Fluor 488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

Note:

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

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