



PRODUCT DATA SHEET

Bioworld Technology, Inc.

NIPA1 polyclonal antibody

Catalog: BS33278

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Magnesium transporter NIPA1: Acts as a Mg(2+) transporter. Can also transport other divalent cations such as Fe(2+), Sr(2+), Ba(2+), Zn(2+) and Co(2+) but to a much less extent than Mg(2+) (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:

~34.6 kDa

Swiss-Prot:

Q7RTP0

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 NIPA1 protein

DATA:

Western blot analysis of Complement C1R LC expression in Hela (A), A549 (B), mouse liver (C), rat liver (D) whole cell lysates.

Immunofluorescent analysis of Complement C1R LC staining in C6 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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