



PRODUCT DATA SHEET

Bioworld Technology, Inc.

TMC4 polyclonal antibody

Catalog: BS32009

Host: Rabbit

Reactivity: Human

BackGround:

Voltage-gated chloride channel involved in high-concentration salt taste sensation . Depolarization induced by high NaCl concentration may trigger the activation of TMC4-mediated chloride influx into taste bud cells, helping the return to resting potential . Also allows permeation of organic anions including gluconate, but their current amplitudes at positive potentials are less than that of chloride . Involved in pH and temperature-dependent modulation of salty taste

Product:

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

Molecular Weight:

~79.2 kDa

Swiss-Prot:

Q7Z404

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 TMC4 protein.

DATA:



Western blot analysis of ASS1 expression in A431 (A), Raji (B), L1210 (C), MOLT4 (D), Jurkat (E), A549 (F), NIH/3T3 (G), PC12 (H), COS7 (I) whole cell lysates.

Immunofluorescent analysis of ASS1 staining in Hela 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 an 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).

Flow cytometric analysis of Jurkat cells using Anti-ASS1 Antibody (green) and negative control (red).

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151