



PRODUCT DATA SHEET

Bioworld Technology, Inc.

GPR89B polyclonal antibody

Catalog: BS33483

Host: Rabbit

Reactivity: Human

BackGround:

Golgi pH regulator B: Voltage-gated channel that enables the transfer of anions such as iodide, chloride, bromide and fluoride which may function in counter-ion conductance and participates in Golgi acidification. Plays a role in lymphocyte development, probably by acting as a RABL3 effector in hematopoietic cells (By similarity). Essential for maintaining the acidic luminal pH of the Golgi apparatus in neurons, which is important for preserving Golgi structural integrity (By similarity). This integrity supports proper axonal transport and synaptic maintenance in cerebellar inhibitory neurons, including Purkinje and basket cells (By similarity). Additionally, Golgi acidification facilitates the activation of SREBP2, thereby ensuring sufficient cholesterol biosynthesis necessary for normal neuronal morphology and function (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:

~52.9 kDa

Swiss-Prot:

P0CG08

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 GPR89B protein

DATA:

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