ASIC5 polyclonal antibody

Catalog: BS33470 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Bile acid-sensitive ion channel: Forms bile acid-gated sodium channels and may play a role in bile acid-dependent absorption and secretion by epithelial cells of the bile ducts . Displays high selectivity for sodium ions but can also permit the permeation of other cations (Probable). The gating could be indirect and the consequence of alterations of the membrane environment of the channel by bile acids (By similarity). As a sodium channel of type II unipolar brush cells of the vestibulocerebellum, controlling the electrical activity of these cells, could play a role in motor coordination and balance (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:

~57.5 kDa

Swiss-Prot:

Q9NY37

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of ASIC5 protein

DATA:

Western blot analysis of COX4-1 expression in Hela (A), NIH3T3 (B), mouse brain (C), rat brain (D) whole cell lysates.

Immunohistochemical analysis of COX4-1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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@bioworlde.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