

SPNS2 polyclonal antibody

Catalog: BS32008

Host: Rabbit

Reactivity: Human

BackGround:

Sphingosine-1-phosphate transporter SPNS2: Lipid transporter that specifically mediates export of sphingosine-1-phosphate (sphing-4-enine 1-phosphate, S1P) and sphinganine-1-phosphate in the lymph, thereby playing a role in lymphocyte trafficking. S1P is a bioactive signaling molecule that regulates many physiological processes important for the development and for the immune system. Regulates levels of S1P and the S1P gradient that exists between the high circulating concentrations of S1P and low tissue levels that control lymphocyte trafficking. Required for the egress of T-cells from lymph nodes during an immune response by mediating S1P secretion, which generates a gradient that enables activated T-cells to access lymph (By similarity). Also required for the egress of immature B-cells from the bone marrow (By similarity). In contrast, not involved in S1P release from red blood cells (By similarity). Involved in auditory...

Product:

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

Molecular Weight:

~58.0 kDa

Swiss-Prot:

Q8IVW8

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), FC (1/10 - 1/30)

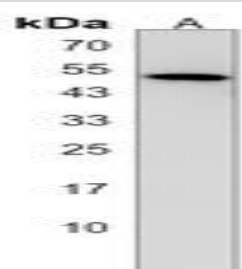
Storage&Stability:

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

Specificity:

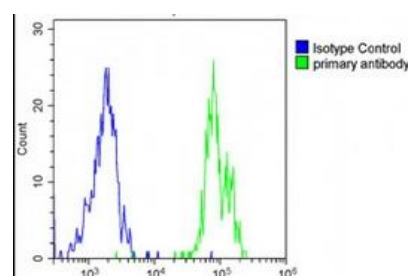
Recognizes endogenous levels of SPNS2 protein.

DATA:



Western blot analysis of Collagen 1 alpha 1/2 expression in human stomach tissue (A) whole cell lysates.

Immunohistochemical analysis of Collagen 1 alpha 1/2 staining in human kidney 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@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