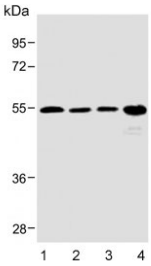
SPNS2 Antibody (F54287)

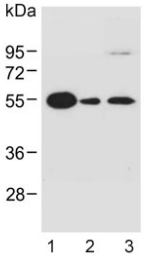
Catalog No.	Formulation	Size
F54287-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54287-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

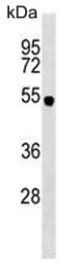
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q8IVW8
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:25 Flow Cytometry : 1:25 (1x10e6 cells)
Limitations	This SPNS2 antibody is available for research use only.



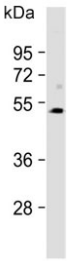
Western blot testing of human 1) heart, 2) kidney, 3) skeletal muscle and 4) SK-BR-3 lysate with SPNS2 antibody. Predicted molecular weight ~58 kDa.



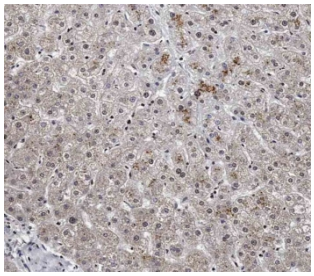
Western blot testing of human 1) brain, 2) 293, and 3) SK-BR-3 lysate with SPNS2 antibody. Predicted molecular weight ~58 kDa.



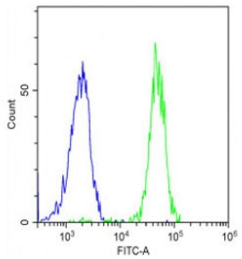
Western blot testing of human MDA-MB-231 lysate with SPNS2 antibody. Predicted molecular weight ~58 kDa.



Western blot testing of human SK-OV-3 lysate with SPNS2 antibody. Predicted molecular weight ~58 kDa.



IHC testing of FFPE human liver tissue with SPNS2 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



Flow cytometry testing of fixed and permeabilized human SK-OV-3 cells with SPNS2 antibody; Blue=isotype control, Green= SPNS2 antibody.

Description

Sphingolipid transporter required for migration of myocardial precursors. Transports sphingosine 1-phosphate (S1P), a secreted lipid mediator that plays critical roles in cardiovascular, immunological, and neural development and function. Mediates the export of S1P from cells in the extraembryonic yolk syncytial layer (YSL), thereby regulating myocardial precursor migration.

Application Notes

The stated application concentrations are suggested starting points. Titration of the SPNS2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 68-94 from the human protein were used as the immunogen for the SPNS2 antibody.

Storage

Aliquot the SPNS2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.