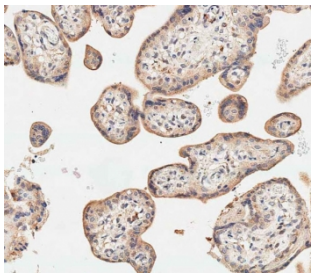
SGPP1 Antibody / Sphingosine-1-phosphate phosphatase 1 (F54282)

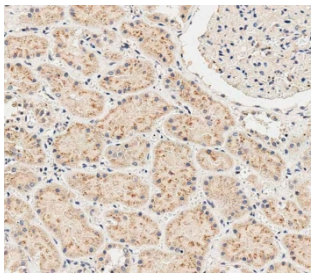
Catalog No.	Formulation	Size
F54282-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54282-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

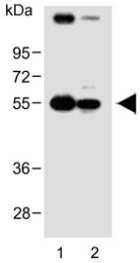
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9BX95
Localization	Cytoplasmic
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:25
Limitations	This SGPP1 antibody is available for research use only.



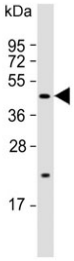
IHC testing of FFPE human placenta tissue with SGPP1 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



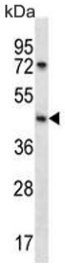
IHC testing of FFPE human kidney tissue with SGPP1 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



Western blot testing of human 1) HACAT and 2) A431 cell lysate with SGPP1 antibody. Predicted molecular weight ~49 kDa.



Western blot testing of human placenta lysate with SGPP1 antibody. Predicted molecular weight ~49 kDa.



Western blot testing of human NCI-H292 cell lysate with SGPP1 antibody. Predicted molecular weight ~49 kDa.

Description

Sphingosine-1-phosphate (S1P) is a bioactive sphingolipid metabolite that regulates diverse biologic processes. SGPP1 catalyzes the degradation of S1P via salvage and recycling of sphingosine into long-chain ceramides [supplied by OMIM].

Application Notes

The stated application concentrations are suggested starting points. Titration of the SGPP1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 13-42 from the human protein were used as the immunogen for the SGPP1 antibody.

Storage

Aliquot the SGPP1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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