

SGPL1 Rabbit pAb

Catalog No.: A25695

Basic Information

Observed MW

Refer to figures

Calculated MW

64kDa

Category

Primary antibody

Applications

ELISA, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Enables sphinganine-1-phosphate aldolase activity. Involved in apoptotic signaling pathway; fatty acid metabolic process; and sphingolipid metabolic process. Located in endoplasmic reticulum. Implicated in nephrotic syndrome type 14.

Recommended Dilutions

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

8879

Swiss Prot

O95470

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 301-400 of human SGPL1 (NP_003892.2).

Synonyms

SPL; S1PL; NPHS14

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

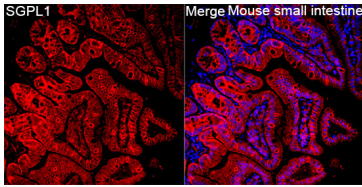
Affinity purification

Storage

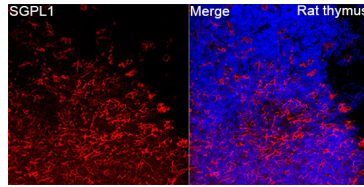
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

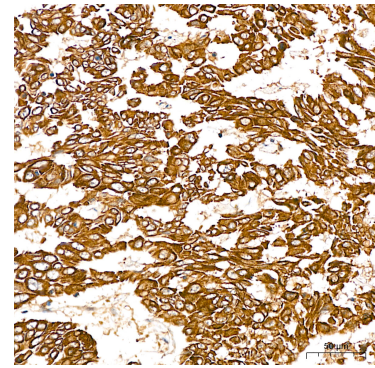
Validation Data



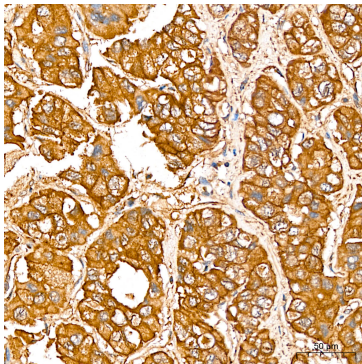
Immunofluorescence analysis of Mouse small intestine tissue using SGPL1 Rabbit pAb (A25695) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.



Immunofluorescence analysis of Rat thymus tissue using SGPL1 Rabbit pAb (A25695) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.



Immunohistochemistry analysis of SGPL1 in paraffin-embedded Human lung cancer tissue using SGPL1 Rabbit pAb (A25695) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of SGPL1 in paraffin-embedded Human liver cancer tissue using SGPL1 Rabbit pAb (A25695) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.