

SGPL1 Rabbit pAb

Catalog No.: A15745 **2 Publications**

Basic Information

Observed MW

60kDa

Calculated MW

64kDa

Category

Primary antibody

Applications

ELISA, WB, 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

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

8879

Swiss Prot

O95470

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 60-390 of human SGPL1 (NP_003892.2).

Synonyms

SPL; S1PL; NPHS14; SGPL1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

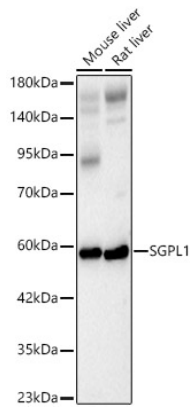
Affinity purification

Storage

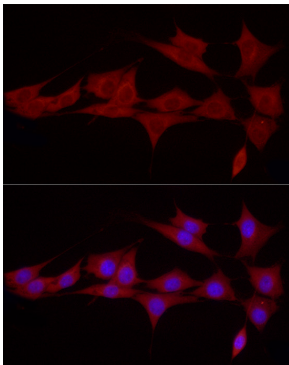
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates, using SGPL1 Rabbit pAb (A15745) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Immunofluorescence analysis of NIH/3T3 cells using SGPL1 Rabbit pAb (A15745) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.