抗人SGPL1多克隆抗体

Anti-Human SGPL1 Polyclonal Antibody

货号：RB9T37037337

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37037337

中文名称
抗人SGPL1多克隆抗体

英文名称
Anti-Human SGPL1 Polyclonal Antibody

形态
Liquid

内毒素水平
Please contact with the lab for this information.

应用
ELISA, IHC, WB

登录号
O95470

宿主种属
Rabbit

克隆性
Polyclonal

抗体亚型
IgG

纯化方式
Purified by antigen affinity column.

种属反应性
Human

靶标
EC:4.1.2.27, KIAA1252, S1PL, SGPL1, SP-lyase 1, SPL 1, Sphingosine-1-phosphate aldolase, Sphingosine-1-phosphate lyase 1, hSPL

免疫原
E. coli - derived recombinant Human SGPL1 (Ser122-Tyr550).

产品使用说明

ELISA:1:5000-1:20000;IHC:1:50-1:500;WB:1:500-1:2000

背景信息

Sphingosine-1-phosphate lyase 1 (SGPL1) is a ~63 kDa protein. Cleaves phosphorylated sphingoid bases (PSBs), such as sphingosine-1-phosphate, into fatty aldehydes and phosphoethanolamine. Elevates stress-induced ceramide production and apoptosis. Required for global lipid homeostasis in liver and cholesterol homeostasis in fibroblasts. Involved in the regulation of pro-inflammatory response and neutrophil trafficking. Modulates neuronal autophagy via phosphoethanolamine production which regulates accumulation of aggregate-prone proteins such as APP.

1. Van Veldhoven, PP. et al. (2000) Biochimica et biophysica acta 1487, 128-34. PMID: 11018465
2. Reiss, U. et al. (2004) The Journal of biological chemistry 279, 1281-90. PMID: 14570870
3. Weiler, S. et al. (2014) Journal of medicinal chemistry 57, 5074-84. PMID: 24809814
4. Lovric, S. et al. (2017) The Journal of clinical investigation 127, 912-928. PMID: 28165339

储存缓冲液

0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.

For research use only