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SGPL1 Rabbit pAb

货号: AYP13861

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus
应用	WB IF/ICC
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200
理论分子量	63kDa
实测分子量	80kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,LO2,293T,A-431,Mouse liver,Mouse kidnay,Mouse lung,Rat brain
细胞定位	Endoplasmic reticulum membrane,Single-pass type III membrane protein
纯化	Affinity purification

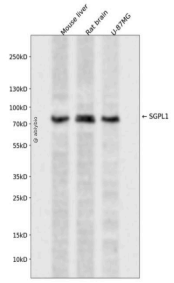
抗原信息

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

靶点信息

研究背景	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 (By similarity. Seems to play a role in establishing neuronal contact sites and axonal maintenance (By similarity.
基因ID	8879
基因名	SGPL1
Swiss	O95470 (https://www.uniprot.org/uniprotkb/O95470/entry)
别名	SGPL1,S1PL,SPL,SGPL1 Rabbit pAb,Sphingosine-1-phosphate aldolase,KIAA1252

产品验证



Western blot analysis of SGPL1 expressed in Mouse liver,Rat brain,U-87MG using SGPL1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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