

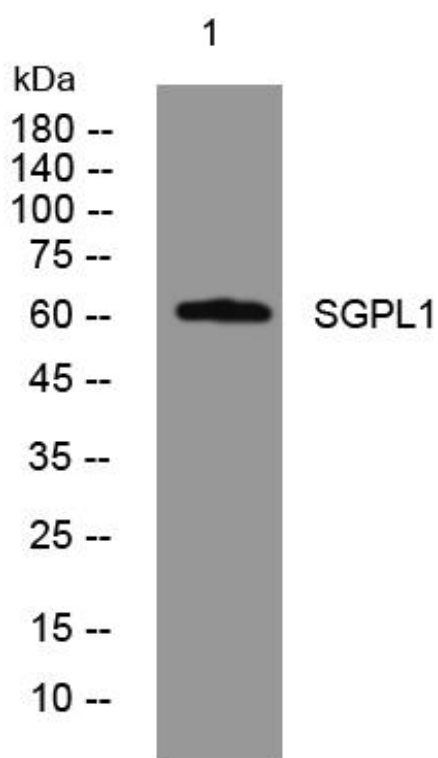


SGPL1 mouse mAb

Catalog No	YP-mAb-08044
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	SGPL1 KIAA1252
Protein Name	SGPL1
Immunogen	Synthesized peptide derived from human SGPL1 AA range: 393-443
Specificity	This antibody detects endogenous levels of SGPL1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.158% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Sphingosine-1-phosphate lyase 1 (S1PL) (SP-lyase 1) (SPL 1) (hSPL) (EC 4.1.2.27) (Sphingosine-1-phosphate aldolase)
Observed Band	60kD
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass type III membrane protein ; Cytoplasmic side .
Tissue Specificity	Ubiquitously expressed (PubMed:11018465, PubMed:28165343). Expressed in fetal and adult adrenal gland (at protein level) (PubMed:28165343).
Function	catalytic activity:Sphinganine 1-phosphate = phosphoethanolamine + palmitaldehyde.,cofactor:Pyridoxal phosphate.,function:Cleaves phosphorylated sphingoid bases (PSBs), such as sphingosine-1-phosphate, into fatty aldehydes and phosphoethanolamine. Elevates stress-induced ceramide production and apoptosis.,pathway:Lipid metabolism; sphingolipid metabolism.,similarity:Belongs to the group II decarboxylase family. Sphingosine-1-phosphate lyase subfamily.,tissue specificity:Found in liver and kidney.,
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using SGPL1 mouse mAb