

SGPL1 Conjugated Antibody

Catalog No: #C37919



Package Size: #C37919-AF350 100ul #C37919-AF405 100ul #C37919-AF488 100ul
 #C37919-AF555 100ul #C37919-AF594 100ul #C37919-AF647 100ul
 #C37919-AF680 100ul #C37919-AF750 100ul #C37919-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SGPL1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SGPL1 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human sphingosine-1-phosphate lyase 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SPL; S1PL
Accession No.	Swiss-Prot#:O95470NCBI Gene ID:8879NCBI Protein#:NP_066938/Q9BYH1
Uniprot	O95470
GeneID	8879;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Sphingosine-1-phosphate lyase 1 is an enzyme that in humans is encoded by the *SGPL1* gene. Cleaves phosphorylated sphingoid bases (PSBs), such as sphingosine-1-phosphate, into fatty aldehydes and phosphoethanolamine. Elevates stress-induced ceramide production and apoptosis.

Note: This product is for in vitro research use only