

Datasheet for ABIN306934 **anti-SGPP1 antibody**



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Overview

Quantity:	100 µg
Target:	SGPP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SGPP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide derived from the sphingosine 1-phosphate phosphatase 1 protein.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Sphingosine 1-phosphate (S1P) is a highly bioactive lipid that has a myriad of biological effects both intracellularly as a second messenger and extracellularly by binding to the S1P(1-5)/G-protein-coupled receptors of the endothelial differentiation gene family. Intracellularly, at least two enzymes, sphingosine kinase (1 and 2) and S1P phosphatase, regulate the activity of S1P by governing the phosphorylation of S1P. Regulation of hS1Pase1 with the resultant changes in cellular and secreted S1P has important implications in cell proliferation, angiogenesis and apoptosis.
Purification:	Ammonium Sulfate Precipitation

Target Details

Target:	SGPP1
Alternative Name:	Sphingosine 1-Phosphate Phosphatase 1 (SGPP1 Products)
UniProt:	Q9BX95

Application Details

Application Notes:	Antibody can be used for Western blotting (1:200 dilution). Tissue lysate should be used at 10-50 µg/lane. Other applications not yet tested. Optimal concentration should be evaluated by serial dilutions.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Provided as ligand affinity purified antibody in phosphate buffered saline with 0.08 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles