

SGMS2 Antibody (C-term)

Catalog_no :	AB2724
Reactivity :	H, M
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:338-365
Specificity :	This SGMS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 338-365 amino acids from the C-terminal region of human SGMS2.
Dilution :	WB,1:1000;WB,1:1000;WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Phosphatidylcholine:ceramide cholinephosphotransferase 2, Sphingomyelin synthase 2, SGMS2, SMS2
Isotype :	Rabbit Ig
Background :	Sphingomyelin, a major component of cell and Golgi membranes, is made by the transfer of phosphocholine from phosphatidylcholine onto ceramide, with diacylglycerol as a side product. SGMS2 is an enzyme that catalyzes this reaction primarily at the cell membrane. The synthesis is reversible, and this enzyme can catalyze the reaction in either direction. This protein is required for cell growth.
reference :	Ternes, P., et al. J. Lipid Res. 50(11):2270-2277(2009) Liu, J., et al. Arterioscler. Thromb. Vasc. Biol. 29(6):850-856(2009) Tani, M., et al. Biochem. Biophys. Res. Commun. 381(3):328-332(2009)