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anti-Sphingomyelin Synthase 2 antibody (AA 1-79) (FITC)



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Rabbit	
Polyclonal	
This Sphingomyelin Synthase 2 antibody is conjugated to FITC	
Recombinant Human Phosphatidylcholine:ceramide cholinephosphotransferase 2 protein (1-79AA)	
IgG	
Human	

Target Details

transfer of the phosphatidyl head group, phosphatidylcholine, on to the primary hydroxyl of ceramide. The reaction is bidirectional depending on the respective levels of the sphingolipid and ceramide. Plasma membrane SMS2 can also convert phosphatidylethanolamine (PE) to ceramide phosphatidylethanolamine (CPE). Major form in liver. Required for cell growth in certain cell types. Regulator of cell surface levels of ceramide, an important mediator of signal transduction and apoptosis. Regulation of sphingomyelin (SM) levels at the cell surface affects insulin sensitivity.

Aliases: MGC26963 antibody, Phosphatidylcholine:ceramide cholinephosphotransferase 2 antibody, SGMS 2 antibody, Sgms2 antibody, SM synthase antibody, SMS 2 antibody, SMS2 antibody, SMS2_HUMAN antibody, Sphingomyelin synthase 2 antibody

UniProt:

Q8NHU3

Application Details

Restrictions:

For Research Use only

Handling

Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	