



[Go to Product page](#)

Datasheet for ABIN7163136

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

Overview

Quantity:	100 µg
Target:	Sphingomyelin Synthase 2 (SGMS2)
Binding Specificity:	AA 1-79
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sphingomyelin Synthase 2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Phosphatidylcholine:ceramide cholinephosphotransferase 2 protein (1-79AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Sphingomyelin Synthase 2 (SGMS2)
Alternative Name:	SGMS2 (SGMS2 Products)
Background:	Background: Sphingomyelin synthases synthesize the sphingolipid, sphingomyelin, through

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

Application Notes: Optimal working dilution should be determined by the investigator.

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.