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Datasheet for ABIN7161487

anti-ASAH2 antibody (AA 255-506) (Biotin)

Overview

Quantity:	100 µg
Target:	ASAH2
Binding Specificity:	AA 255-506
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASAH2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Neutral ceramidase protein (255-506AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ASAH2
Alternative Name:	ASAH2 (ASAH2 Products)
Background:	Background: Hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid at an optimal pH of 6.5-8.5. Acts as a key regulator of sphingolipid signaling metabolites by

Target Details

generating sphingosine at the cell surface. Acts as a repressor of apoptosis both by reducing C16-ceramide, thereby preventing ceramide-induced apoptosis, and generating sphingosine, a precursor of the antiapoptotic factor sphingosine 1-phosphate. Probably involved in the digestion of dietary sphingolipids in intestine by acting as a key enzyme for the catabolism of dietary sphingolipids and regulating the levels of bioactive sphingolipid metabolites in the intestinal tract.

Aliases: Acylsphingosine deacylase 2 antibody, AI585898 antibody, ASAH2 antibody, ASAH2_HUMAN antibody, BCDase antibody, hCD antibody, HNAC1 antibody, LCDase antibody, MGC129777 antibody, mitochondrial ceramidase antibody, N acylsphingosine amidohydrolase (non lysosomal ceramidase) 2 antibody, N acylsphingosine amidohydrolase 2 antibody, N CDase antibody, N-acylsphingosine amidohydrolase 2 antibody, N-CDase antibody, NCDase antibody, Neutral ceramidase soluble form antibody, Non lysosomal ceramidase antibody, Non-lysosomal ceramidase antibody

UniProt: [Q9NR71](#)

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.