

ASAH2-Specific Polyklonaler Antikörper

Katalog-Nr.: 19513-1-AP

Allgemeine Informationen

Katalog-Nr.:

19513-1-AP

Größe:

150ul

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM_019893

GeneID (NCBI):

56624

Vollständiger Name:

N-acylsphingosine amidohydrolase
(non-lysosomal ceramidase) 2

Berechnete Masse:

86 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Anwendungen

Geprüfte Anwendungen:

ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hintergrundinformationen

ASAH2, also named as HNAC1, belongs to the neutral ceramidase family. ASAH2 catalyze the reaction: N-acylsphingosine + H₂O = a carboxylate + sphingosine. ASAH2 hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid at an optimal pH of 6.5-8.5. ASAH2 acts as a key regulator of sphingolipid signaling metabolites by generating sphingosine at the cell surface. And ASAH2 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. ASAH2 is 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.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:

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