

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti- ASAH2-Specific



Numéro de catalogue: 19513-1-AP

Informations de base

Numéro de catalogue:

19513-1-AP

Taille:

150ul

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_019893

Identification du gène (NCBI):

56624

Nom complet:

N-acylsphingosine amidohydrolase
(non-lysosomal ceramidase) 2

MW calculé

86 kDa

Méthode de purification:

Purification par affinité contre
l'antigène

Applications

Applications testées:

ELISA

Spécificité de l'espèce:

Humain, rat, souris

Informations générales

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.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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