ARG57618
anti-ASAH1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ASAH1
Tested Reactivity	Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ASAH1
Species	Human
Immunogen	Recombinant protein of Human ASAH1.
Conjugation	Un-conjugated
Alternate Names	AC; ASAH; Acid ceramidase; PHP32; Putative 32 kDa heart protein; EC 3.5.1.23; N-acylsphingosine amidohydrolase; SMAPME; Acylsphingosine deacylase; Acid CDase; PHP; ACDase

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: Mouse heart

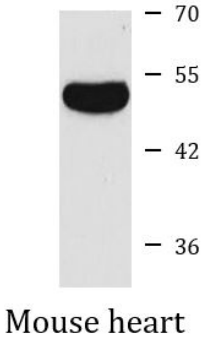
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ASAH1
Gene Full Name	N-acylsphingosine amidohydrolase (acid ceramidase) 1
Background	This gene encodes a heterodimeric protein consisting of a nonglycosylated alpha subunit and a glycosylated beta subunit that is cleaved to the mature enzyme posttranslationally. The encoded protein catalyzes the synthesis and degradation of ceramide into sphingosine and fatty acid. Mutations in this gene have been associated with a lysosomal storage disorder known as Farber disease. Multiple transcript variants encoding several distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Function	Hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid. [UniProt]
Calculated Mw	Isoform 1: 45 kDa Isoform 2: 47 kDa
Cellular Localization	Lysosome

Images



ARG57618 anti-ASAH1 antibody WB image

Western blot: 25 µg of Mouse heart lysate stained with ARG57618 anti-ASAH1 antibody at 1:1000 dilution.