

ARG45816 anti-ASAH1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ASAH1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ASAH1
Species	Human
Immunogen	Recombinant protein containing to human ASAH1.
Conjugation	Un-conjugated
Alternate Names	ASAH1; N-acylsphingosine amidohydrolase (acid ceramidase) 1; 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
	ICC/IF	2 µg/ml
	IHC-P	0.5-1 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	45 kDa	

Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na2HPO4, 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
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 or below. 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.

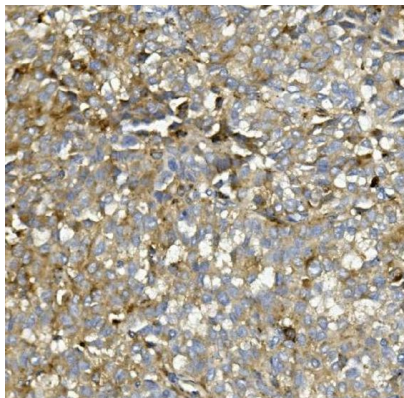
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

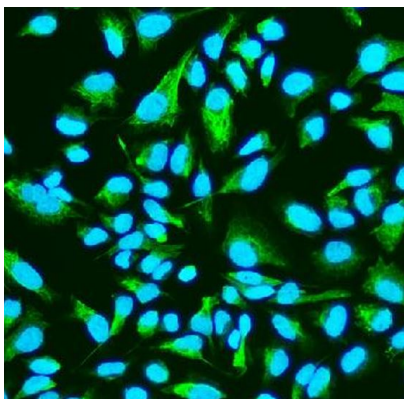
Gene Symbol	ASAH1
Gene Full Name	N-acylsphingosine amidohydrolase (acid ceramidase) 1
Background	This gene encodes a heterodimeric protein consisting of a nonglycosylated alpha subunit and a glycosylated beta subunit that is cleaved to the mature enzyme posttranslationally. The encoded protein catalyzes 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	45 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Lysosome. [UniProt]

Images



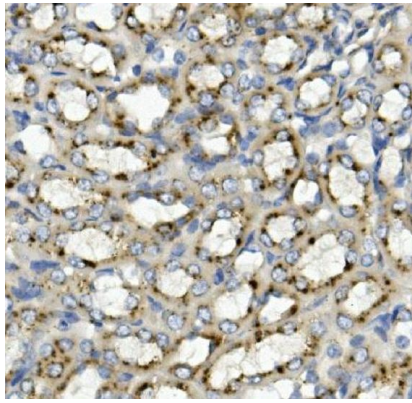
ARG45816 anti-ASAH1 antibody IHC-P image

Immunohistochemistry: Human melanoma stained with ARG45816 anti-ASAH1 antibody at 1 µg/ml dilution.



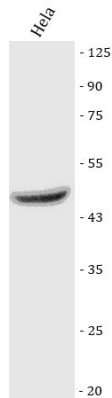
ARG45816 anti-ASAH1 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45816 anti-ASAH1 antibody at 5 µg/ml dilution.



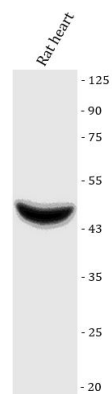
ARG45816 anti-ASA1 antibody IHC-P image

Immunohistochemistry: Mouse kidney stained with ARG45816 anti-ASA1 antibody at 1 µg/ml dilution.



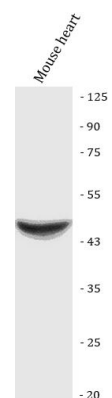
ARG45816 anti-ASA1 antibody WB image

Western blot: HeLa stained with ARG45816 anti-ASA1 antibody at 0.5 µg/ml dilution.



ARG45816 anti-ASA1 antibody WB image

Western blot: Rat heart stained with ARG45816 anti-ASA1 antibody at 0.5 µg/ml dilution.



ARG45816 anti-ASA1 antibody WB image

Western blot: Mouse heart stained with ARG45816 anti-ASA1 antibody at 0.5 µg/ml dilution.