

À des fins de recherche uniquement

Anticorps Monoclonal anti-ASAH1

Numéro de catalogue: 67092-1-Ig

Phare

1 Publications



Informations de base

Numéro de catalogue: 67092-1-Ig	Numéro d'acquisition GenBank: BC016828	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1219 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 427	CloneNo.: 1B7E4
Hôte: Mouse	Nom complet: N-acylsphingosine amidohydrolase (acid ceramidase) 1	Dilutions recommandées: WB 1:1000-1:8000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG1	MW calculé: 44 kDa	
Immunogen Catalog Number: AG28645	MW observés: 55 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu de cervelet de rat, tissu cérébral de rat, tissu cérébral de souris, tissu de cervelet de porc

IHC : tissu de cancer du sein humain,

IF : cellules SH-SY5Y,

Informations générales

ASAH1, also named as AC, ACDase, Acid CDase, PHP32 and ASAH, belongs to the acid ceramidase family. ASAH1 is a lipid hydrolase that catalyzes the conversion of ceramide (cer) into sphingosine (SPH) and a free fatty acid. Mutation of ASAH1 will cause the Farber lipogranulomatosis (FL) which also known as Farber disease (FD). ASAH1 is highly expressed in heart. And it is first synthesized as an 55-60 kDa precursor and subsequently processed to the mature, heterodimeric enzyme (40 + 13 kDa) in the endosomes/lysosomes.

Publications notables

Autrice	Pubmed ID	Journal	Application
Juan Xiao	36068514	Mol Med	WB,IF,IP

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.

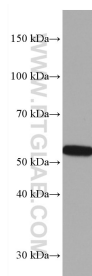
For technical support and original validation data for this product please contact:

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

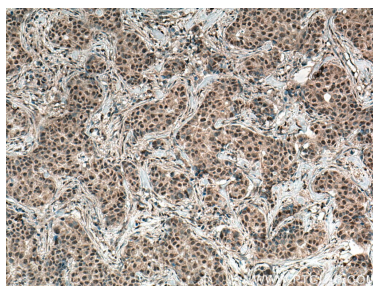
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

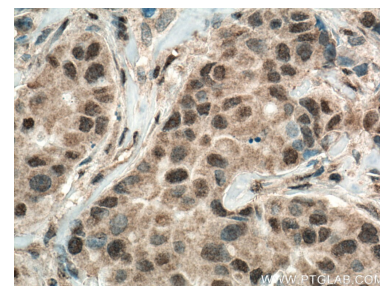
Données de validation sélectionnées



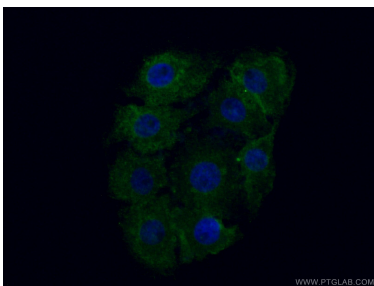
rat cerebellum tissue were subjected to SDS PAGE followed by western blot with 67092-1-Ig (ASAH1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67092-1-Ig (ASAH1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67092-1-Ig (ASAH1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using 67092-1-Ig (ASAH1 antibody) at dilution of 1:100 and CoralLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).