

For Research Use Only

ASAH1 Monoclonal antibody, PBS Only



Catalog Number: 67092-2-PBS

Basic Information

Catalog Number: 67092-2-PBS	GenBank Accession Number: BC016828	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 427	CloneNo.: 2B3C7
Source: Mouse	UNIPROT ID: Q13510	
Isotype: IgG1	Full Name: N-acylsphingosine amidohydrolase (acid ceramidase) 1	
Immunogen Catalog Number: AG28645	Calculated MW: 44 kDa	
	Observed MW: 44-55 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, Pig, Rat, Rabbit

Background Information

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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

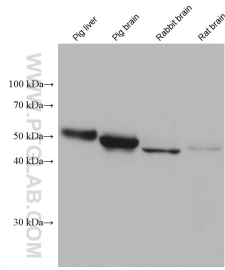
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67092-2-Ig (ASA11 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67092-2-PBS in a different storage buffer formulation.