

For Research Use Only

# ASAH1 Monoclonal antibody, PBS Only



Catalog Number: 67092-2-PBS

## Basic Information

<b>Catalog Number:</b> 67092-2-PBS	<b>GenBank Accession Number:</b> BC016828	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 427	<b>CloneNo.:</b> 2B3C7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q13510	
<b>Isotype:</b> IgG1	<b>Full Name:</b> N-acylsphingosine amidohydrolase (acid ceramidase) 1	
<b>Immunogen Catalog Number:</b> AG28645	<b>Calculated MW:</b> 44 kDa	
	<b>Observed MW:</b> 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

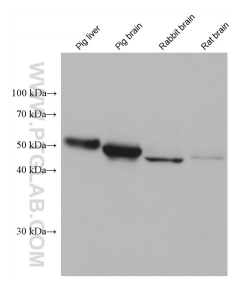
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67092-2-Ig (ASAH1 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.