# antibodies - online.com







# anti-ASAH1 antibody (AA 25-125)





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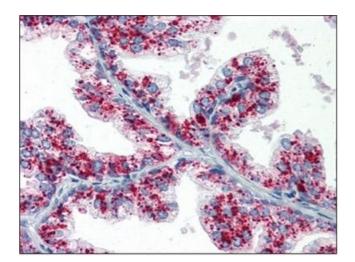
Quantity:	50 μg	
Target:	ASAH1	
Binding Specificity:	AA 25-125	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This ASAH1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)	

# **Product Details**

Immunogen:	ASAH1 antibody was raised against ASAH1 (NP $_808592$ , 25 a.a. $\sim$ 125 a.a) partial recombinant protein with GST tag.
Clone:	1A7
Isotype:	IgG3
Specificity:	Recognizes Acid ceramidase ASAH1.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Protein A Chromatography

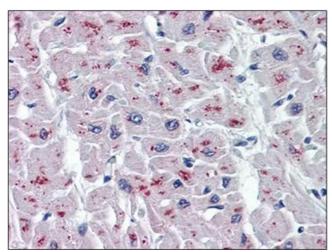
# **Target Details**

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Target:	ASAH1	
Alternative Name:	Acid Ceramidase (ASAH1 Products)	
Background:	Sphingolipids are hydrolyzed by ceramidases to yield sphingosine and fatty acids. These ceramidases are classified according to the pH range that supports their optimal activity. ASAH1 is an acid ceramidase and key regulator of ceramide metabolism. Mutations in this gene results in Farber Lipogranulomatosis, a fatal human genetic disorder that results in the painful swelling of the joints and tendons and pulminary insufficiency, while a complete knockout of its expression is lethal in mice. Recent studies have shown elevated levels of ASAH1 in Alzheimer's disease (AD) patients correlating with a reduction in sphingomyelin and elevation of ceramide. Pretreatment of cultured neurons with recombinant AHAH1 prevented the cells from undergoing A-beta (Ab)-induced apoptosis. Multiple isoforms of this protein are known to exist. Synonyms: ASAH, ASAH1, Acylsphingosine deacylase, N-acylsphingosine amidohydrolase, PHP32, Putative 32 kDa heart protein	
Gene ID:	427	
NCBI Accession:	NP_001120977	
UniProt:	Q13510	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Buffer:	PBS, pH 7.2	
Handling Advice:	Avoid freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	Store the antibody (in aliquots) at -20° or -80 °C.	



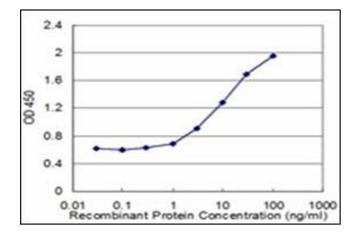
# **Immunohistochemistry**

Image 1.



# **Immunohistochemistry**

Image 2.



# **ELISA**

Image 3.

Please check the product details page for more images. Overall 4 images are available for ABIN782337.