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## anti-ASAH2 antibody (C-Term)



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Quantity:	0.1 mg	
Target:	ASAH2	
Binding Specificity:	C-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ASAH2 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	
Product Details		
Immunogen:	ASAH2 antibody was raised against a 17 amino acid synthetic peptide near the carboxy	
	terminus of the human ASAH2. The immunogen is located within the last 50 amino acids of	
	ASAH2.	
Isotype:	IgG	
Isotype: Purification:	IgG ASAH2 Antibody is affinity chromatography purified via peptide column.	
Purification:		
Purification: Target Details	ASAH2 Antibody is affinity chromatography purified via peptide column.	
Purification:  Target Details  Target:	ASAH2 Antibody is affinity chromatography purified via peptide column.  ASAH2	
Purification:  Target Details  Target:  Alternative Name:	ASAH2 Antibody is affinity chromatography purified via peptide column.  ASAH2  ASAH2 (ASAH2 Products)	

activity. ASAH2 is a neutral ceramidase and key regulator of sphingolipid signaling metabolites at the cell surface, catalyzing the hydrolysis of the N-acyl linkage of ceramide at an optimal pH of 6.5-8.5. ASAH2 is a type II integral membrane protein that can be cleaved to yield a soluble secreted protein and acts as a repressor of apoptosis both by reducing C16-ceramide, thereby preventing ceramide-induced apoptosis, and generating sphingosine. Sphingosine exerts both mitogenic and apoptosis-inducing activities, and its phosphorylated form functions as an intra-and intercellular second messenger. ASAH2 is ubiquitously expressed primarily expressed with higher levels in the intestine, kidney, skeletal muscle and heart. Recent studies indicate that ASAH2 encoded neutral ceramidase is a key enzyme for the catabolism of dietary sphingolipids and regulates the levels of bioactive sphingolipid metabolites in the intestinal tract.

Gene ID:	56624
NCBI Accession:	NP_063946
UniProt:	Q9NR71

## **Application Details**

Application Notes:	ASAH2 antibody can be used for detection of ASAH2 by Western blot at 1 and 2 µ,g/mL.	
	Antibody validated: Western Blot in human samples. All other applications and species not yet tested.	
Restrictions:	For Research Use only	

## Handling

Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	ASAH2 Antibody is supplied in PBS containing 0.02 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,4 °C	
Storage Comment:	ASAH2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should	

not be exposed to prolonged high temperatures.