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Datasheet for ABIN7433534 anti-SMPD1 antibody (AA 319-579)

3 Images



Overview

Quantity:	100 µL
Target:	SMPD1
Binding Specificity:	AA 319-579
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMPD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

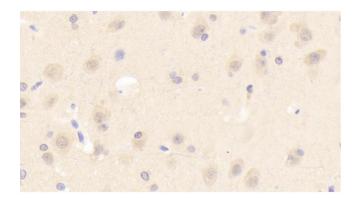
Product Details

Purpose:	Polyclonal Antibody to Acid Sphingomyelinase (ASM)
Immunogen:	Recombinant Acid Sphingomyelinase (ASM) corresdonding to His319~Pro579 with N-terminal His Tag
lsotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ASM. It has been selected for its ability to recognize ASM in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details		
Target:	SMPD1	
Alternative Name:	Acid Sphingomyelinase (SMPD1 Products)	
Background:	SMPD1, NPD, SMase, aSMase, Sphingomyelin Phosphodiesterase 1,Acid Lysosomal, Simply Sphingomyelinase	
Application Details		
Application Notes:	Western blotting: 0.5-2 µg/mL	
	Immunohistochemistry: 5-20 µg/mL	
	Immunocytochemistry: 5-20 µg/mL	
	Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated	
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious	
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be	
	handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without	
	detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	

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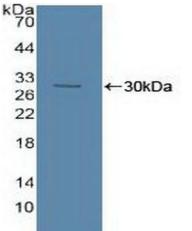
Immunohistochemistry

Image 1. Detection of ASM in Human Cerebrum Tissue using Polyclonal Antibody to Acid Sphingomyelinase (ASM)

Western Blotting

V

Image 2. Detection of ASM in Mouse Brain Tissue using Polyclonal Antibody to Acid Sphingomyelinase (ASM)



Vestern Blotting	

Image 3. Detection of Recombinant ASM, Human using Polyclonal Antibody to Acid Sphingomyelinase (ASM)

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