



# Rabbit Anti Human SMPD1 (C-term) polyclonal antibody (CABT-L1066)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This SMPD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 391-419 amino acids from the C-terminal region of human SMPD1.
<b>Target</b>	SMPD1
<b>Immunogen</b>	KLH conjugated synthetic peptide between 391-419 amino acids from the C-terminal region of human SMPD1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human (Predicted Reactivity: Bovine)
<b>Purification</b>	Peptide Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA, IHC, FC
<b>Format</b>	Liquid
<b>Size</b>	80 µl
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

# BACKGROUND

Introduction	The protein encoded by this gene is a lysosomal acid sphingomyelinase that converts sphingomyelin to ceramide. The encoded protein also has phospholipase C activity. Defects in this gene are a cause of Niemann-Pick disease type A (NPA) and Niemann-Pick disease type B (NPB). Multiple transcript variants encoding different isoforms have been identified.
Keywords	SMPD1;sphingomyelin phosphodiesterase 1, acid lysosomal;ASM;NPD;ASMASE;sphingomyelin phosphodiesterase;acid sphingomyelinase

# GENE INFORMATION

Entrez Gene ID	<a href="#">6609</a>
UniProt ID	<a href="#">P17405</a>