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Datasheet for ABIN7170560

**anti-SMPD3 antibody (AA 401-655) (HRP)**

## Overview

Quantity:	100 µg
Target:	SMPD3
Binding Specificity:	AA 401-655
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMPD3 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Sphingomyelin phosphodiesterase 3 protein (401-655AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	SMPD3
Alternative Name:	SMPD3 ( <a href="#">SMPD3 Products</a> )
Background:	Background: Catalyzes the hydrolysis of sphingomyelin to form ceramide and phosphocholine. Ceramide mediates numerous cellular functions, such as apoptosis and growth arrest, and is

## Target Details

capable of regulating these 2 cellular events independently. Also hydrolyzes sphingosylphosphocholine. Regulates the cell cycle by acting as a growth suppressor in confluent cells. Probably acts as a regulator of postnatal development and participates in bone and dentin mineralization.

Aliases: Cca1 antibody, Confluent 3Y1 cell-associated protein 1 antibody, Neutral sphingomyelinase 2 antibody, Neutral sphingomyelinase II antibody, NSMA2\_HUMAN antibody, nSMase-2 antibody, nSMase2 antibody, SMPD3 antibody, Sphingomyelin phosphodiesterase 3 antibody, sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II) antibody

UniProt: [Q9NY59](#)

Pathways: [Hormone Transport](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.