

Datasheet for ABIN6986702  
**anti-SMPD4 antibody (AA 201-300) (FITC)**



[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | SMPD4                                                                                                                          |
| Binding Specificity: | AA 201-300                                                                                                                     |
| Reactivity:          | Mouse                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This SMPD4 antibody is conjugated to FITC                                                                                      |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human SMPD4 |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Mouse                                                     |
| Predicted Reactivity: | Human,Rat,Dog,Cow,Pig,Horse,Rabbit                        |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | SMPD4                                    |
| Alternative Name: | SMPD4 ( <a href="#">SMPD4 Products</a> ) |

## Target Details

Background: Synonyms: EC 3.1.4.12, EC=3.1.4.123, FLJ20297, FLJ20756, KIAA1418, NET 13, NET13, Neutral sphingomyelinase 3, Neutral sphingomyelinase III, NSMA3\_HUMAN, nSMase 3, nSMase-3, nSMase3, OTTHUMP00000162391, OTTHUMP00000190862, SKNY protein, smpd4, Sphingomyelin phosphodiesterase 4, Sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase 3).  
Background: Catalyzes the hydrolysis of membrane sphingomyelin to form phosphorylcholine and ceramide.

Gene ID: 55627

UniProt: [Q9NXE4](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months