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Datasheet for ABIN6976460

## anti-SMPD4 antibody (AA 201-300) (AbBy Fluor® 350)

### Overview

Quantity:	100 µL
Target:	SMPD4
Binding Specificity:	AA 201-300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMPD4 antibody is conjugated to AbBy Fluor® 350
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

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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.

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Gene ID: 55627

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UniProt: [Q9NXE4](#)

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## Application Details

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

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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

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Expiry Date: 12 months

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