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Datasheet for ABIN6989164
anti-SMPD4 antibody (AA 201-300)

Overview

Quantity:	100 µL
Target:	SMPD4
Binding Specificity:	AA 201-300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMPD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

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
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Target Details

Alternative Name:	SMPD4 (SMPD4 Products)
Background:	<p>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).</p> <p>Background: Catalyzes the hydrolysis of membrane sphingomyelin to form phosphorylcholine and ceramide.</p>
Gene ID:	55627
UniProt:	Q9NXE4

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months