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Datasheet for ABIN4999931

anti-Ceramide Synthase 2 antibody (AA 201-300) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	Ceramide Synthase 2 (CERS2)
Binding Specificity:	AA 201-300
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ceramide Synthase 2 antibody is conjugated to Alexa Fluor 680
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 Ceramide synthase 2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Ceramide Synthase 2 (CERS2)
Alternative Name:	Ceramide synthase 2 (CERS2 Products)

Target Details

Background: Synonyms: L3, LASS2, SP260, TMSG1, Ceramide synthase 2, CerS2, LAG1 longevity assurance homolog 2, Tumor metastasis-suppressor gene 1 protein

Background: LASS2 (LAG1 homolog, ceramide synthase 2) has sequence similarity to yeast longevity assurance gene 1. It is thought to be involved in sphingolipid synthesis. Expression of LASS2 is transiently increased during the period of active myelination and is specifically localized to white matter tracts of the brain, including the Schwann cells of sciatic nerves suggesting that LASS2 is important for the synthesis of dihydroceramide used for synthesis of myelin sphingolipids. Expression of LASS2 in hepatocellular carcinoma cell lines suppresses the growth of cancer cells.

Gene ID: 29956

UniProt: [Q96G23](#)

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
