

Datasheet for ABIN6942208

anti-B4GALNT1 antibody (AA 451-533) (Cy5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	B4GALNT1
Binding Specificity:	AA 451-533
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B4GALNT1 antibody is conjugated to Cy5
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 B4GALNT1/GM2 synthase
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	B4GALNT1
Alternative Name:	B4GALNT1/GM2 synthase (B4GALNT1 Products)

Target Details

Background:	Synonyms: (N acetylneuraminy) galactosylglucosylceramide, (N-acetylneuraminy)-galactosylglucosylceramide, 4 N-acetylgalactosaminyltransferase 1, 4933429D13Rik, B4GALNT1, B4GN1_HUMAN, Beta 1 4 N acetyl galactosaminyl transferase 1, Beta 1 4 N acetylgalactosaminyltransferase 1, Beta-1, BETA-1,4-N-ACETYL GALACTOSAMINYLTRANSFERASE 1, BETA-1,4-N-ACETYL GALACTOSAMINYLTRANSFERASE, Beta1 4GalNAc T, Gal-NAc-T, GALGT, Galgt1, GalNAc T, GalNAc-T, GALNACT, GD2 synthase, Ggm-2, Ggm2, GM2 synthase, GM2/GD2 synthase, SIAT 2, SIAT2, UDP Gal:betaGlcNAc beta 1 4 N acetylgalactosaminyltransferase transferase 1, UDP N acetyl alpha D galactosamine:(N acetylneuraminy). Background: GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. GalNAc-T is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. GalNAc-T catalyzes the transfer of GalNAc into G(M3) and G(D3) by a beta-1,4 linkage, resulting in the synthesis of G(M2) and G(D2), respectively. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]
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Gene ID:	2583
UniProt:	Q00973

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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months