Datasheet for ABIN1697009

anti-CSGALNACT1 antibody (AA 101-200) (Alexa Fluor 555)

Go to Product page

Overview

Quantity:	100 µL
Target:	CSGALNACT1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSGALNACT1 antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CSGALNACT1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	CSGALNACT1
Alternative Name:	CSGALNACT1 (CSGALNACT1 Products)
Background:	Synonyms: 4-N-acetylgalactosaminyltransferase 1, Beta4GalNAcT 1, beta4GalNAcT,

Target Details

	Beta4GalNAcT-1, Beta4GalNAcT1, CGAT1_HUMAN, ChGn, Chondroitin beta-1, Chondroitin beta1 4 N acetylgalactosaminyltransferase, Chondroitin beta1 4 N acetylgalactosaminyltransferase 1, Chondroitin sulfate N acetylgalactosaminyltransferase 1, Chondroitin sulfate N-acetylgalactosaminyltransferase 1, CSGalNAcT 1, CsGalNAcT-1, Csgalnact1, FLJ11264, FLJ13760. Background: The chondroitin N-acetylgalactosaminyltransferase family includes Beta-1,4-GalNAc-T, Beta-1,4-GalNAc-T2, Beta-1,4-GalNAc-T3 and Beta-1,4-GalNAc-T4. The Beta-1,4-GalNAc-T protein consists of a short N-terminal residue, a transmembrane region and a long C-terminal residue, which includes a catalytic domain and localizes to the Golgi apparatus. Beta-1,4-GalNAc-T utilizes simple ganglioside GM3 as a substrate for more complex gangliosides GM2, GM1 and GD1a. Beta-1,4-GalNAc-T is expressed in normal brain tissues and in various malignant transformed cells, such as malignant melanoma, neuroblastoma and adult T cell leukemia. Mice lacking the Beta-1,4-GalNAc-T protein develop significant and progressive behavioral neuropathies, including deficits in reflexes, strength, coordination and balance. Beta-1,4-GalNAc-T is a potential molecular marker for detecting melanoma cells and monitoring tumor progression.
Gene ID:	55790
Pathways:	Glycosaminoglycan Metabolic Process

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

Handling

	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