

Datasheet for ABIN635850 anti-ST6GALNAC4 antibody (Middle Region)

Image



Overview

Background:

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Quantity:	100 µL
Target:	ST6GALNAC4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST6GALNAC4 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	ST6 GALNAC4 antibody was raised using the middle region of ST6 ALNAC4 corresponding to a
	region with amino acids
	QLTRMYPGLQVYTFTERMMAYCDQIFQDETGKNRRQSGSFLSTGWFTMIL
Specificity:	ST6 GALNAC4 antibody was raised against the middle region of ST6 ALNAC4
Purification:	Affinity purified
Target Details	
Target:	ST6GALNAC4
Alternative Name:	ST6GALNAC4 (ST6GALNAC4 Products)

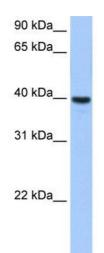
ST	GALNAC4 is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-
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sialic acid to galactose-containing substrates. ST6GALNAC4 prefers glycoproteins rather than

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Target	Details
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	glycolipids as substrates and shows restricted substrate specificity, utilizing only the
	trisaccharide sequence Neu5Ac-alpha-2,3-Gal-beta-1,3-GalNAc. In addition, it is involved in the
	synthesis of ganglioside GD1A from GM1B. ST6GALNAC4 is normally found in the Golgi
	apparatus but can be proteolytically processed to a soluble form. It is a member of
	glycosyltransferase family 29.
Molecular Weight:	34 kDa (MW of target protein)
Application Details	
Application Notes:	WB: 0.5 µg/mL
	Optimal conditions should be determined by the investigator.
Comment:	ST6GALNAC4 Blocking Peptide, catalog no. 33R-7650, is also available for use as a blocking
	control in assays to test for specificity of this ST6GALNAC4 antibody
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ST0 ALNAC4 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
	Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. ST6GALNAC4 antibody used at 0.5 ug/ml to detect target protein.

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