

Datasheet for ABIN635850  
**anti-ST6GALNAC4 antibody (Middle Region)**



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1 Image

## Overview

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 ( <a href="#">ST6GALNAC4 Products</a> )
Background:	ST6GALNAC4 is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. ST6GALNAC4 prefers glycoproteins rather than

## 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

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Application Notes: WB: 0.5  $\mu$ g/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

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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.