

Datasheet for ABIN1536802
anti-ST6GALNAC4 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	ST6GALNAC4
Binding Specificity:	AA 181-209, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST6GALNAC4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ST6GALNAC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 181-209 amino acids from the C-terminal region of human ST6GALNAC4.
Clone:	RB39211
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ST6GALNAC4
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Target Details

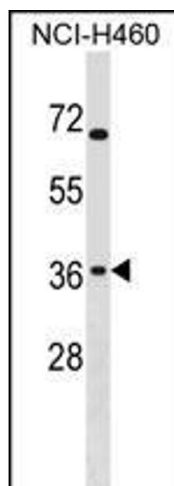
Alternative Name:	ST6GALNAC4 (ST6GALNAC4 Products)
Background:	<p>The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein prefers glycoproteins rather than glycolipids as substrates 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. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Weight:	34201
Gene ID:	27090
NCBI Accession:	NP_778204 , NP_778205
UniProt:	Q9H4F1

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	ST6GALNAC4 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. ST6GALNAC4 Antibody (C-term) (ABIN1536802 and ABIN2850365) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the ST6GALNAC4 antibody detected the ST6GALNAC4 protein (arrow).