

Datasheet for ABIN6991119  
**anti-ST3GAL6 antibody (C-Term)**



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## Overview

Quantity:	0.1 mg
Target:	ST3GAL6
Binding Specificity:	AA 230-280, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST3GAL6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

## Product Details

Immunogen:	ST3gal6 antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human ST3gal6. The immunogen is located within amino acids 230 - 280 of ST3gal6.
Isotype:	IgG
Purification:	ST3gal6 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	ST3GAL6
Alternative Name:	ST3gal6 ( <a href="#">ST3GAL6 Products</a> )
Background:	ST3gal6 Antibody: Sialyltransferases catalyze the transfer of sialic acid from cytidine 5-prime monophospho-N-acetylneuraminic acid (CMP-NeuAc) to terminal positions of glycoprotein and

## Target Details

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glycolipid carbohydrate groups. Terminal NeuAc residues are key determinants of carbohydrate structures, such as the sialyl-Lewis X determinants, and are widely distributed in many cell types. However, cancer cells often express more heavily sialylated glycans on their cell surface and this feature sometimes correlates with invasiveness. In contrast, expression of ST3gal6, a member of the sialyltransferase family that sialylates type II lactosamine structures on glycoproteins and glycolipids, was found to be significantly decreased by hypermethylation of the gene in gastrointestinal cancer. At least three isoforms of ST3gal6 are known to exist.

Gene ID: 10402

NCBI Accession: [NP\\_006091](#)

UniProt: [Q9Y274](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

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Application Notes: ST3gal6 antibody can be used for detection of ST3gal6 by Western blot at 1 - 2  $\mu$ g/mL. Antibody can also be used for immunocytochemistry starting at 5  $\mu$ g/mL.

Antibody validated: Western Blot in human samples and Immunocytochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: ST3gal6 Antibody is supplied in PBS containing 0.02 % 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: -20 °C, 4 °C

Storage Comment: ST3gal6 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.