

Datasheet for ABIN653728  
**anti-ST8SIA4 antibody (AA 186-214)**

## 3 Images

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## Overview

Quantity:	400 µL
Target:	ST8SIA4
Binding Specificity:	AA 186-214
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST8SIA4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This ST8SIA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 186-214 amino acids from the Central region of human ST8SIA4.
Clone:	RB24553
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	ST8SIA4
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## Target Details

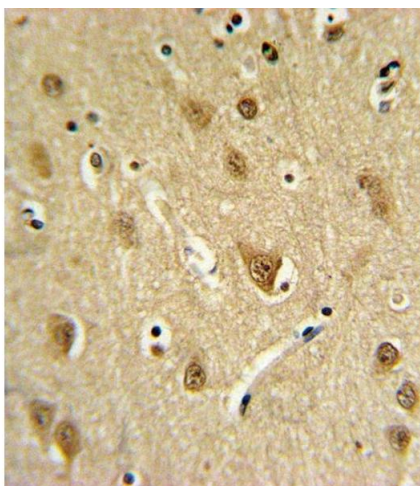
Alternative Name:	ST8SIA4 ( <a href="#">ST8SIA4 Products</a> )
Background:	The protein encoded by this gene catalyzes the polycondensation of alpha-2,8-linked sialic acid required for the synthesis of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). The encoded protein, which is a member of glycosyltransferase family 29, is a type II membrane protein that may be present in the Golgi apparatus.
Molecular Weight:	41295
Gene ID:	7903
NCBI Accession:	<a href="#">NP_005659</a> , <a href="#">NP_778222</a>
UniProt:	<a href="#">Q92187</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

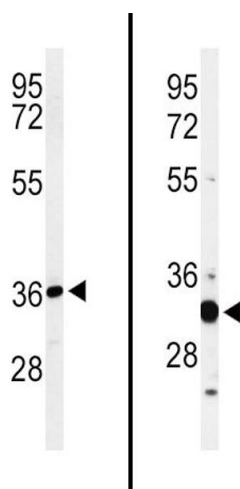
## Handling

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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



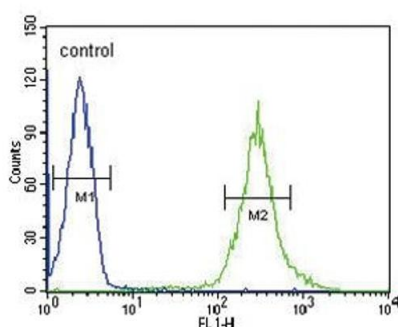
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** ST8SIA4 Antibody (Center) (ABIN653728 and ABIN2843035) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ST8SIA4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** Western blot analysis of ST8SIA4 Antibody (Center) (ABIN653728 and ABIN2843035) in HL-60 cell line lysates (35 µg/lane). ST8SIA4 (arrow) was detected using the purified Pab. Western blot analysis of ST8SIA4 Antibody (Center) (ABIN653728 and ABIN2843035) in mouse spleen tissue lysates (35 µg/lane). ST8SIA4 (arrow) was detected using the purified Pab.



### Flow Cytometry

**Image 3.** ST8SIA4 Antibody (Center) (ABIN653728 and ABIN2843035) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.