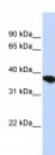




## ST8SIA4 Antibody

CATALOG NUMBER: 26-335



Antibody used in WB on Human HepG2 at  
0.2-1 ug/ml.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ST8SIA4 antibody can be used for detection of ST8SIA4 by ELISA at 1:312500. ST8SIA4 antibody can be used for detection of ST8SIA4 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1211 - HepG2 Cell Lysate
<b>PREDICTED MOLECULAR WEIGHT:</b>	41 kDa
<b>IMMUNOGEN:</b>	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ST8SIA4.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Antibody is purified by peptide affinity chromatography method.
<b>PHYSICAL STATE:</b>	Lyophilized
<b>BUFFER:</b>	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
<b>CONCENTRATION:</b>	1 mg/ml
<b>STORAGE CONDITIONS:</b>	For short periods of storage (days) store at 4°C. For longer periods of storage, store ST8SIA4 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	ST8SIA4, MGC34450, MGC61459, PST, PST1, SIAT8D, ST8SIA-IV
<b>ACCESSION NO.:</b>	NP_005659
<b>PROTEIN GI NO.:</b>	5031999

**OFFICIAL SYMBOL:** ST8SIA4

**GENE ID:** 7903

### Background

**BACKGROUND:** ST8SIA4 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). ST8SIA4, a member of glycosyltransferase family 29, is a type II membrane protein that may be present in the Golgi apparatus. 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. Two transcript variants encoding different isoforms have been found for this gene.

**REFERENCES:** 1) Schreiber, S.C., (2008) Gastroenterology 134 (5), 1555-1566.

**FOR RESEARCH USE ONLY**

December 12, 2016