



Catalog: OM292261

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# ST3GAL2 Antibody

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☐ 20ul ☐ 50ul ☐ 100ul

## Product profile

Product name	ST3GAL2 Antibody
Antibody Type	Primary Antibodies
Product description	<p>ST3GAL2 is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein is normally found in the Golgi but can be proteolytically processed to a soluble form. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4A. 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 is normally found in the Golgi but can be proteolytically processed to a soluble form. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4A. 1) Taniguchi, A., (2003) Biochem. Biophys. Res. Commun. 300 (2), 570-576.</p>
Immunogen	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ST3GAL2.

## Key Feature

Clonality	Polyclonal
Host Species	Rabbit
Tested Application	<b>ELISA</b> <b>WB</b>
	<b>ST3GAL2 antibody can be used for detection of ST3GAL2 by ELISA at 1:62500. ST3GAL2 antibody can be used for detection of ST3GAL2 by western blot at 1.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.:</b>
Species Reactivity	<b>Human</b> <b>Mouse</b> <b>Rat</b>
Concentration	1mg/ml
Purification	Affinity purified

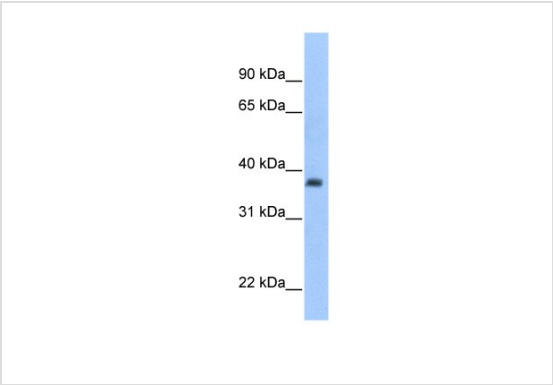
## Target Information

Gene Symbol	<b>ST3GAL2</b>
Alternative Names	ST3GAL2 Gal-NAc6S SIAT4B ST3GALII ST3GalA.2
Molecular Weight(MW)	40 kDa

## Database Links

Entrez Gene	6483
Protein Accession	NP_008858

## Application



### Application

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

**Positive Control** 1) Cat. No. XBL-10407 - Fetal Heart Tissue Lysate

**Application Notes** ST3GAL2 antibody can be used for detection of ST3GAL2 by ELISA at 1:62500. ST3GAL2 antibody can be used for detection of ST3GAL2 by western blot at 1.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.:

## Additional Information

Form	Liquid
Storage Instructions	For short periods of storage (days) store at 4°C. For longer periods of storage, store ST3GAL2 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
Storage Buffer	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt