

Datasheet for ABIN2785501
anti-ST6GALNAC2 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ST6GALNAC2
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Dog, Rabbit, Horse, Mouse, Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST6GALNAC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ST6GALNAC2
Sequence:	VNTMKNSLVS YWNLGFTSVP QGQDLQYIFI PSDIRDYVML RSAILGVPVP
Predicted Reactivity:	Cow: 91%, Dog: 85%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ST6GALNAC2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ST6GALNAC2
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Target Details

Alternative Name:	ST6GALNAC2 (ST6GALNAC2 Products)
Background:	<p>ST6GALNAC2 belongs to a family of sialyltransferases that add sialic acids to the nonreducing ends of glycoconjugates. At the cell surface, these modifications have roles in cell-cell and cell-substrate interactions, bacterial adhesion, and protein targeting. ST6GALNAC2 belongs to a family of sialyltransferases that add sialic acids to the nonreducing ends of glycoconjugates. At the cell surface, these modifications have roles in cell-cell and cell-substrate interactions, bacterial adhesion, and protein targeting (Samyn-Petit et al., 2000 [PubMed 10742600]). [supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-255 AC015802.21 33337-33591 256-1378 BT019972.1 1-1123 1379-2105 AC015802.21 53295-54021</p> <p>Alias Symbols: SIAT7, SIAT7B, SIATL1, ST6GalNAII, STHM, SAILT1</p> <p>Protein Interaction Partner: SMAD3,</p> <p>Protein Size: 374</p>
Molecular Weight:	42 kDa
Gene ID:	10610
NCBI Accession:	NM_006456 , NP_006447
UniProt:	Q9UJ37

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 374 AA
Restrictions:	For Research Use only

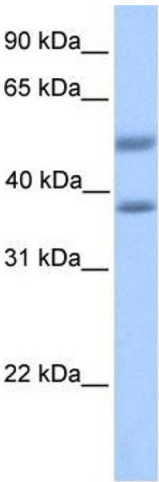
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-ST6GALNAC2 Antibody

Titration: 0.2-1 ug/ml

Positive Control: Human heart