

Datasheet for ABIN2782745

anti-ST3GAL2 antibody (C-Term)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ST3GAL2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST3GAL2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ST3GAL2
Sequence:	ADSRGNWHHY WENNRVAGEF RKTGVHDADF EAHIIDMLAK ASKIEVYRGN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against ST3GAL2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ST3GAL2
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Target Details

Alternative Name:	ST3GAL2 (ST3GAL2 Products)
Background:	<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.</p> <p>Alias Symbols: Gal-NAc6S, SIAT4B, ST3GALII, ST3GalA.2</p> <p>Protein Interaction Partner: ENO2,</p> <p>Protein Size: 350</p>
Molecular Weight:	40 kDa
Gene ID:	6483
NCBI Accession:	NM_006927 , NP_008858
UniProt:	Q16842
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 350 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

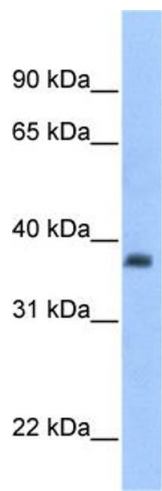
Handling

	should be handled by trained staff only.
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.

Publications

Product cited in:	Taniguchi, Morishima, Tsujita, Matsumoto, Matsumoto: "Genomic structure, expression, and transcriptional regulation of human Gal beta 1,3 GalNAc alpha 2,3-sialyltransferase gene." in: Biochemical and biophysical research communications , Vol. 300, Issue 2, pp. 570-6, (2002) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-ST3GAL2 Antibody Titration: 0.2-1 ug/ml Positive Control: Human heart