

Product datasheet for TA341922

ST6GALNAC6 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-ST6GALNAC6 antibody: synthetic peptide directed towards the N

terminal of human ST6GALNAC6. Synthetic peptide located within the following region:

ALITILILYSSNSANEVFHYGSLRGRSRRPVNLKKWSITDGYVPILGNKT

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 38 kDa

Gene Name: ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 6

Database Link: NP 038471

Entrez Gene 30815 Human

Q969X2



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ST6GALNAC6 Rabbit Polyclonal Antibody - TA341922

Background: ST6GALNAC6 belongs to a family of sialyltransferases that modify proteins and ceramides

onThe cell surface to alter cell-cell or cell-extracellular matrix interactions (Tsuchida et al., 2003 [PubMed 12668675]). [supplied by OMIM, Mar 2008]. Transcript Variant:This variant (5) differs inThe 5' UTR, lacks a portion ofThe 5' coding region, and initiates translation from a downstream in-frame start codon, compared to variant 1.The encoded isoform (c) is shorter atThe N-terminus, compared to isoform a. Variants 3, 4 and 5 all encode isoform c. ##Evidence-Data-START## Transcript exon combination :: AK057100.1 [ECO:0000332] RNAseq introns :: single sample supports all introns ERS025087 [ECO:0000348] ##Evidence-

Data-END## COMPLETENESS: complete onThe 3' end.

Synonyms: SIAT7-F; SIAT7F; ST6GALNACVI

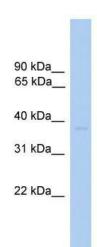
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families: Transmembrane

Protein Pathways: Glycosphingolipid biosynthesis - ganglio series, Metabolic pathways

Product images:



WB Suggested Anti-ST6GALNAC6 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500;

Positive Control: Human heart