

## 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: ALITILILYSSNSANEV FHYGSLRGRSRRPVNLKKWSITDGYVPILGNKT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	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:	<a href="#">NP_038471</a> <a href="#">Entrez Gene 30815 Human Q969X2</a>



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**Background:** ST6GALNAC6 belongs to a family of sialyltransferases that modify proteins and ceramides on the 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 in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation from a downstream in-frame start codon, compared to variant 1. The encoded isoform (c) is shorter at the 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 on the 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