

## Product datasheet for **TA341870**

### ST3GAL2 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-ST3GAL2 antibody: synthetic peptide directed towards the C terminal of human ST3GAL2. Synthetic peptide located within the following region: ADSRGNWHHYWENNRVAGEFRKTGVHDADFEAHIIDMLAKASKIEVYRGN
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:	40 kDa
Gene Name:	ST3 beta-galactoside alpha-2,3-sialyltransferase 2
Database Link:	<a href="#">NP_008858</a> <a href="#">Entrez Gene 6483 Human</a> <a href="#">Q16842</a>
Background:	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. [provided by RefSeq, Jul 2008]
Synonyms:	Gal-NAc6S; SIAT4B; ST3GalA.2; ST3GALII



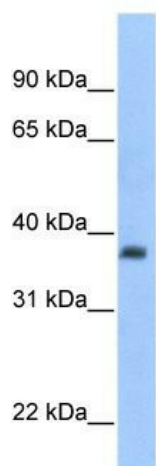
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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 86%

**Protein Families:** Transmembrane

**Protein Pathways:** Glycosphingolipid biosynthesis - ganglio series, Glycosphingolipid biosynthesis - globo series, Keratan sulfate biosynthesis, Metabolic pathways, O-Glycan biosynthesis

### Product images:



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