

## Product datasheet for **TA307912**

### ST3GAL2 Rabbit Polyclonal Antibody

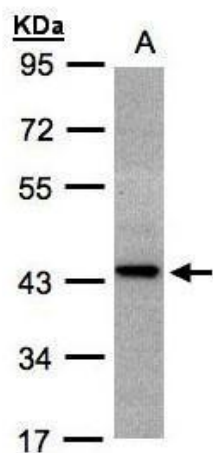
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Chicken, Rat, Zebrafish, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 68 and 327 of ST3GAL2 (Uniprot ID#Q16842)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
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 20444 Mouse</a> <a href="#">Entrez Gene 64442 Rat</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]
Synonyms:	Gal-NAc6S; SIAT4B; ST3GalA.2; ST3GALII

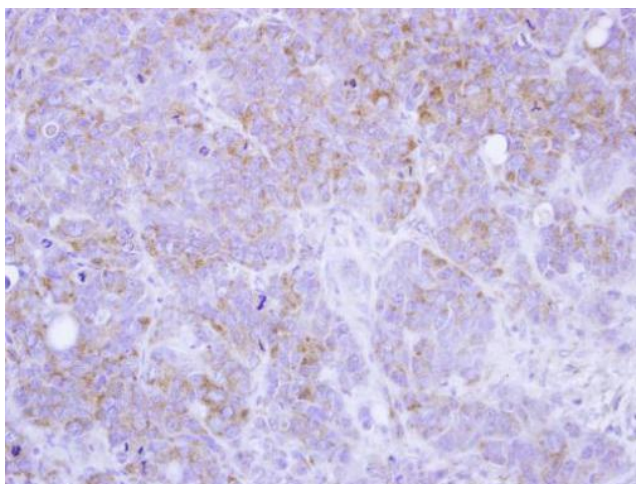


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- Note:** Seq homology of immunogen across species: Mouse (96%), Chicken (92%), Rat (96%), Zebrafish (81%), Bovine (98%)
- Protein Families:** Transmembrane
- Protein Pathways:** Glycosphingolipid biosynthesis - ganglio series, Glycosphingolipid biosynthesis - globo series, Keratan sulfate biosynthesis, Metabolic pathways, O-Glycan biosynthesis

**Product images:**

Sample (30 ug whole cell lysate). A:H1299. 10% SDS PAGE. TA307912 diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using ST3GAL2 (TA307912) antibody at 1:100 dilution.