

## Product datasheet for **TA342089**

### **B3GALT6 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-B3GALT6 antibody: synthetic peptide directed towards the C terminal of human B3GALT6. Synthetic peptide located within the following region: VQREHDPFRDTEYRSRGCNSQYLVTHKQSLDMLEKHATLAREGRLCKRE  |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><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: | 37 kDa   |
| Gene Name:              | beta-1,3-galactosyltransferase 6   |
| Database Link:          | <a href="#">NP_542172</a><br><a href="#">Entrez Gene 126792 Human</a><br><a href="#">Q96L58</a>  |
| Background:             | B3GALT6 (Beta-1,3-galactosyltransferase) transfers galactose from UDP-galactose to substrates with a terminal beta-linked galactose residue. It has a preference for galactose-beta-1,4-xylose that is found in the linker region of glycosaminoglycans, such as heparan sulfate and chondroitin sulfate. It has no activity towards substrates with terminal glucosamine or galactosamine residues. |
| Synonyms:               | beta3GalT6; EDSP2; SEMDJL1   |



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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 93%; Zebrafish: 86%

**Protein Families:** Transmembrane

**Protein Pathways:** Chondroitin sulfate biosynthesis, Heparan sulfate biosynthesis, Metabolic pathways

**Product images:**



WB Suggested Anti-B3GALT6 Antibody Titration:  
0.2-1 ug/ml; Positive Control: Human brain