

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for TA342089

# **B3GALT6 Rabbit Polyclonal Antibody**

## **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	lgG
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: VQREHDPRFDTEYRSRGCSNQYLVTHKQSLEDMLEKHATLAREGRLCKRE
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
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:	<u>NP 542172</u> <u>Entrez Gene 126792 Human</u> <u>Q96L58</u>
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 inThe 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



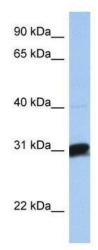
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	B3GALT6 Rabbit Polyclonal Antibody – TA342089
Note:	lmmunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 93%; Zebrafish: 86%

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

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