

Product datasheet for TA341884

GALNT6 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-GALNT6 antibody: synthetic peptide directed towards the middle

region of human GALNT6. Synthetic peptide located within the following region:

EIIPCSVVGHVFRTKSPHTFPKGTSVIARNQVRLAEVWMDSYKKIFYRRN

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

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 71 kDa

Gene Name: polypeptide N-acetylgalactosaminyltransferase 6

Database Link: NP 009141

Entrez Gene 11226 Human

Q8NCL4



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GALNT6 Rabbit Polyclonal Antibody - TA341884

Background:

This gene encodes a member of The UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in The Golgi apparatus by catalyzing The transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a lumenal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. The encoded protein is capable of glycosylating fibronectin peptide in vitro and is expressed in a fibroblast cell line, indicating that it may be involved in The synthesis of oncofetal fibronectin. [provided by RefSeq, Jul 2008]

Synonyms: GALNAC-T6; GalNAcT6

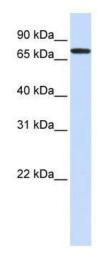
Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Guinea

pig: 100%; Dog: 93%; Horse: 93%; Rabbit: 93%; Zebrafish: 93%; Bovine: 86%

Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, O-Glycan biosynthesis

Product images:



WB Suggested Anti-GALNT6 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive

Control: 293T cell lysate