

## Product datasheet for **AP51771PU-N**

### **GALNT6 (C-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 551-579 amino acids from the C-terminal region of human GALNT6
Specificity:	This antibody recognizes Human GALNT6 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	polypeptide N-acetylgalactosaminyltransferase 6
Database Link:	<a href="#">Entrez Gene 11226 Human</a> <a href="#">Q8NCL4</a>



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**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 luminal 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.

**Synonyms:**

GalNAc transferase 6, pp-GaNTase 6, GalNAc-T6

**Note:**

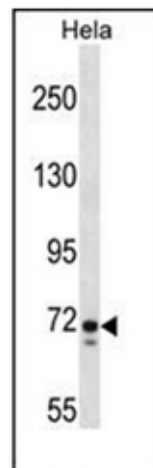
**Molecular Weight:** 71159 Da

**Protein Families:**

Transmembrane

**Protein Pathways:**

Metabolic pathways, O-Glycan biosynthesis

**Product images:**

Western blot analysis of GALNT6 Antibody (C-term) in HeLa cell line lysates (35ug/lane). This demonstrates the GALNT6 antibody detected the GALNT6 protein (arrow).