

Product datasheet for **TA360448**

GALNT7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GALNT7
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	72 kDa
Gene Name:	polypeptide N-acetylgalactosaminyltransferase 7
Database Link:	NP_059119.2 Entrez Gene 51809 Human Q86SF2



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Background:

This gene encodes GalNAc transferase 7, a member of the GalNAc-transferase family. The enzyme encoded by this gene controls the initiation step of mucin-type O-linked protein glycosylation and transfer of N-acetylgalactosamine to serine and threonine amino acid residues. This enzyme is a type II transmembrane protein and shares common sequence motifs with other family members. Unlike other family members, this enzyme shows exclusive specificity for partially GalNAc-glycosylated acceptor substrates and shows no activity with non-glycosylated peptides. This protein may function as a follow-up enzyme in the initiation step of O-glycosylation.

Synonyms:

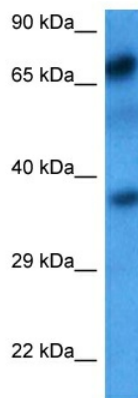
GalNAc-T7; GalNAcT7

Protein Families:

Transmembrane

Protein Pathways:

Metabolic pathways, O-Glycan biosynthesis

Product images:

Host: Rabbit
Target Name: GALNT7
Sample Type: Breast Tumor Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: GALNT7
Sample Tissue: Breast Tumor lysates
Antibody Dilution: 1 ug/ml