

### **Product datasheet for TA302497**

# OriGene Technologies, Inc.

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# **GCNT3 Goat Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

**Recommended Dilution:** ELISA: 1:64,000. WB: 0.1-0.3µg/ml.

**Reactivity:** Human (Expected from sequence similarity: Mouse, Rat, Dog)

Host: Goat Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Peptide with sequence C-NKFDPKVDDNALQ, from the internal region (near C terminus) of the

protein sequence according to NP\_004742.1.

**Formulation:** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

**Concentration:** lot specific

**Purification:** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02%

sodium azide, pH7.3 with 0.5% bovine serum albumin.

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

**Predicted Protein Size:** 54490 Da

**Gene Name:** glucosaminyl (N-acetyl) transferase 3, mucin type

Database Link: NP 004742

Entrez Gene 72077 MouseEntrez Gene 286976 RatEntrez Gene 487578 DogEntrez Gene 9245

<u>Human</u> O95395

**Background:** This enzyme catalyzes O-glycan branch synthesis of the core 2 and core 4 type in mucins and

controls expression of core 2 branched oligosaccharides and I antigens on the cell surface.

[provided by RefSeq]. COMPLETENESS: complete on the 3' end.

Synonyms: 4GnT; C2; C2GNT2; C2GNTM; C24GNT; GNTM



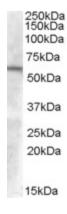


### **GCNT3 Goat Polyclonal Antibody - TA302497**

**Protein Families:** Transmembrane

**Protein Pathways:** Metabolic pathways, O-Glycan biosynthesis

## **Product images:**



TA302497 (0.1ug/ml) staining of Human Duodenum lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.