

Product datasheet for TA302497

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.
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 Mouse Entrez Gene 286976 Rat Entrez Gene 487578 Dog Entrez Gene 9245 Human
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
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, O-Glycan biosynthesis



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Product images:

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