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**Research Use Only. Not
for diagnostic or
therapeutic use.**

Storage: Aliquot and store at
-20°C. Minimize freezing and
thawing.

Product: EB08256 – Goat anti-GCNT3 antibody

Target Protein

Principal Names: GCNT3; glucosaminyl (N-acetyl) transferase 3, mucin type ; C2/4GnT; C2GnT-M; C2GnT2; GnT-M; beta1,6-N-acetylglucosaminyltransferase

Official Gene Symbol: GCNT3

Accession Number(s): NP_004742.1

Human Gene ID(s): 9245

Immunogen

Peptide with sequence C-NKFDPKVDDNALQ, from the internal region (near C terminus) of the protein sequence according to NP_004742.1

Purification

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied as 100 µg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64,000. Western Blot: Approx 55-60kDa band observed in Human Duodenum lysates (calculated MW of 50.9kDa according to NP_004742.1). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

Background Reference

Schwientek T, Yeh JC, Lavery SB, Keck B, Merx G, van Kessel AG, Fukuda M, Clausen H.

Control of O-glycan branch formation. Molecular cloning and characterization of a novel thymus-associated core 2 beta1, 6-n-acetylglucosaminyltransferase.

J Biol Chem. 2000 Apr 14;275(15):11106-13.

PMID: 10753916



EB08256 (0.1µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.