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

EB08256 - Goat Anti-C2GnT-M (aa 410 to 422) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: GCNT3

Accession Number(s): NP_004742.1

Human GeneID(s): [9245](#)

Immunogen

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

Please note the [peptide](#) is available for sale.

Purification and Storage

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.

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

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 55-60kDa band observed in Human Duodenum lysates (calculated MW of 50.9kDa according to NP_004742.1). In transfected HEK293 transiently expressing GCNT3 a band of approx. 55kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

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

Specific Reference

Petrosyan A, Ali MF, Verma SK, Cheng H, Cheng PW.

Non-muscle myosin IIA transports a Golgi glycosyltransferase to the endoplasmic reticulum by binding to its cytoplasmic tail.

Int J Biochem Cell Biol. 2012 Jul;44(7):1153-65.

PMID: 22525330

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

HEK293 overexpressing GCNT3 (RC202007) and probed with EB08256 (mock transfection in first lane), tested by Origene.