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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 GenelD(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).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.