

Goat anti-C2GnT-M (aa 410 to 422) Antibody

Item Number	dAP-1277
Target Molecule	Principle Name: C2GnT-M (aa 410 to 422); Official Symbol: GCNT3; All Names and Symbols: GCNT3; glucosaminyl (N-acetyl) transferase 3, mucin type ; C2/4GnT; C2GnT-M; C2GnT2; GnT-M; beta1,6-N-acetylglucosaminyltransferase; Accession Number (s): NP_004742.1; Human Gene ID(s): 9245; Non-Human GeneID(s):
Immunogen	NKFDPKVDDNALQ, is from internal region (near C terminus)
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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-transf
IHC	
Reference	Reference(s): Schwientek T, Yeh JC, Levery 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:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**