

## Goat anti-A4GNT / alpha4GNT Antibody

<b>Item Number</b>	dAP-1983
<b>Target Molecule</b>	Principle Name: A4GNT / alpha4GNT; Official Symbol: A4GNT; All Names and Symbols: A4GNT; alpha-1,4-N-acetylglucosaminyltransferase; MGC149493; alpha4GnT; Accession Number (s): NP_057245.1; Human Gene ID(s): 51146; Non-Human GeneID(s):
<b>Immunogen</b>	PRTYRDLIKPEGS, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: Approx 40kDa band observed in lysates of cell line K562 (calculated MW of 39.5kDa according to NP_057245.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ishizone S, Yamauchi K, Kawa S, Suzuki T, Shimizu F, Harada O, Sugiyama A, Miyagawa S, Fukuda M, Nakayama J, Clinical utility of quantitative RT-PCR targeted to alpha1,4-N-acetylglucosaminyltransferase mRNA for detection of pancreatic cancer. Cancer science 2006 Feb 97 (2):

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**