



## International Office

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

## EB09734 - Goat Anti-A4GNT / alpha4GNT Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** A4GNT, alpha-1,4-N-acetylglucosaminyltransferase, MGC149493, alpha4GnT

**Official Symbol:** A4GNT

**Accession Number(s):** NP\_057245.1

**Human GeneID(s):** [51146](#)

### Immunogen

Peptide with sequence C-PRTYRDLIKGPGEPS, from the C Terminus of the protein sequence according to NP\_057245.1.

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

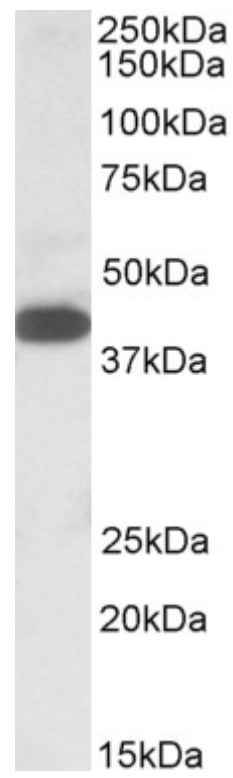
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**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.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Cow



EB09734 (1 $\mu$ g/ml) staining of K562 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.