

## UK Office

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

## EB11932 - Goat Anti-CD57 / B3GAT1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** B3GAT1, beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P), CD57, GLCATP, GLCUATP, HNK1, LEU7, NK-1, NK1, LEU7 antigen, OTTHUMP00000235432, UDP-GlcUA:glycoprotein beta-1,3-glucuronyltransferase, galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1, glcUAT-P, glucuronosyltransferase P

**Official Symbol:** B3GAT1

**Accession Number(s):** NP\_061114.2

**Human GeneID(s):** [27087](#)

**Non-Human GeneID(s):** 76898 (mouse), 117108 (rat)

**Important Comments:** Reported variants represent identical protein: NP\_473366.1, NP\_061114.2.

### Immunogen

Peptide with sequence C-HVETPRNYKLRGD, from the internal region of the protein sequence according to NP\_061114.2.

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

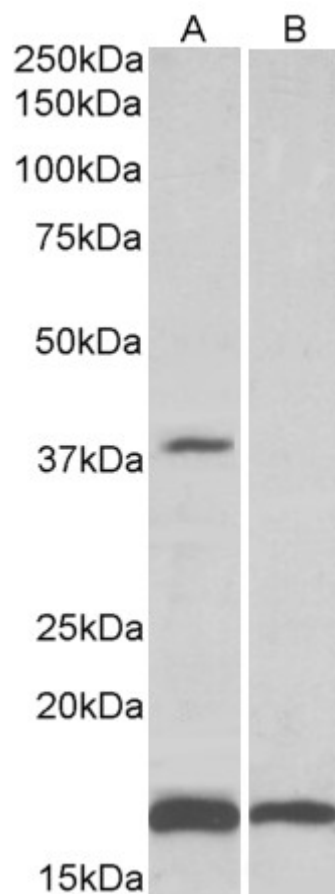
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 38kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 38.3kDa according to NP\_061114.2). Recommended concentration: 0.1-0.3µg/ml. An additional band of 17kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

### Species Reactivity

**Tested:** Human

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



EB11932 (0.1  $\mu\text{g/ml}$ ) staining of Human Frontal Cortex lysate (35  $\mu\text{g}$  protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.