

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**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

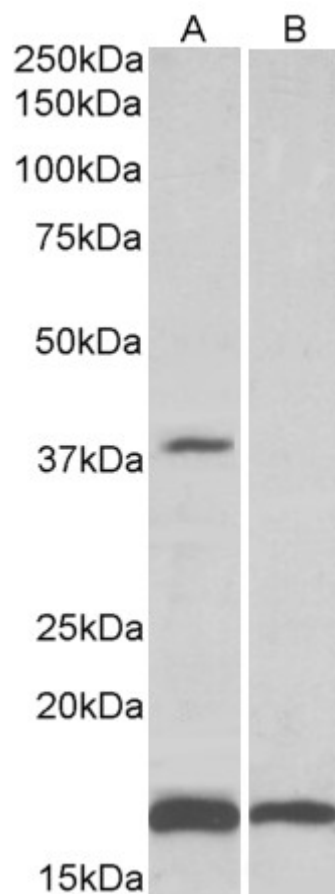
Peptide ELISA: antibody detection limit dilution 1:64000.

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 μ g/ml) staining of Human Frontal Cortex lysate (35 μ g protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.