Goat anti-CD57 / B3GAT1 Antibody

Item Number	dAP-2795

Target Molecule

Principle Name: CD57 / B3GAT1; Official Symbol: B3GAT1; All Names and Symbols: 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-glucuron; Accession Number (s): NP_061114.2; Human Gene ID (s): 27087; Non-Human GeneID(s): 76898 (mouse) 117108 (rat)

Immunogen

HVETPRNYKLRGD, is from internal region
Reported variants represent identical protein: NP_473366.1, NP_061114.2.

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; Reconsititute 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 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 no

IHC

Reference

Reference(s): Kähler AK, Djurovic S, Rimol LM, Brown AA, Athanasiu L, Jönsson EG, Hansen T, Gústafsson O, Hall H, Giegling I, Muglia P, Cichon S, Rietschel M, Pietiläinen OP, Peltonen L, Bramon E, Collier D, St Clair D, Sigurdsson E, Petursson H, Rujescu D, Melle I, W Candidate gene analysis of the

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