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

EB05559 - Goat Anti-B3GNT1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: B3GNT1, UDP-GlcNAc:betaGal

beta-1,3-N-acetylglucosaminyltransferase 1, B3GNT, B3GN-T1, B3GN-T2, B3GNT-2, BETA3GNT, beta3gal-T5 gene, beta-1,3-N-acetylglucosaminyltransferase bGnT-1, beta-1,3-N-acetylglucosaminyltransferase bGnT-2

Official Symbol: B3GNT1

Accession Number(s): NP_006568; NP_150274

Human GeneID(s): [10678](#)

Important Comments: This antibody will recognise both isoforms NP_006568 and NP_150274.

Immunogen

Peptide with sequence DIWSQLQSAHLKC, from the C Terminus of the protein sequence according to NP_006568; NP_150274.

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

Western blot: Western blot: Approx 47kDa and 39kDa bands seen in Mouse Brain lysate. Recommended for use at 3-5µg/ml.

This is a glycosyl transferase and the two bands may represent both the glycosylated and unglycosylated isoforms. Glycosylation can affect migration of proteins on SDS-PAGE [Hames, B.D and Rickwood, D., eds. Gel electrophoresis of proteins: a practical approach. Oxford University Press].

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human