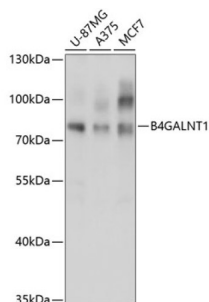


Beta-1,4 N-Acetylgalactosaminyltransferase 1 (B4GALNT1) Antibody

Catalogue No.: abx002820



Western blot analysis of extracts of various cell lines using B4GALNT1 Antibody (1/3000 dilution).

B4GALNT1 Antibody is a Rabbit Polyclonal antibody against B4GALNT1. GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. GalNAc-T is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. GalNAc-T catalyzes the transfer of GalNAc into G(M3) and G(D3) by a beta-1,4 linkage, resulting in the synthesis of G(M2) and G(D2), respectively. Three transcript variants encoding different isoforms have been found for this gene.

Target: Beta-1,4 N-Acetylgalactosaminyltransferase 1 (B4GALNT1)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human B4GALNT1

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q00973 ([UniProt](#), [ExPASy](#))

Gene Symbol: B4GALNT1

Datasheet

Version: 3.0.0

Revision date: 06 Jun 2025



GeneID: [2583](#)

NCBI Accession: NP_001263398.1

KEGG: hsa:2583

String: [9606.ENSP00000341562](#)

Molecular Weight: Calculated MW: 35 kDa/52 kDa/58 kDa
Observed MW: 80 kDa

Buffer: PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only