

GM2/GD2 synthase Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP03616

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human B4GALNT1. AA range:281-

330

Mol wt 58882

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name GM2/GD2 synthase Antibody

Synonyms B4GALNT1; GALGT; SIAT2; Beta-1; 4 N-acetylgalactosaminyltransferase 1; (N-acetylneuraminyl)-

galactosylglucosylceramide; GM2/GD2 synthase; GalNAc-T

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

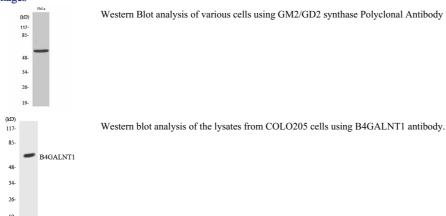
GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. Beta-1,4 N-acetylgalactosaminyltransferase 1 is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. Beta-1,4 N-acetylgalactosaminyltransferase 1 catalyzes the transfer of GalNAc into G(M3) and G(D3) by 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.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 5000

Not yet tested in other applications.

Images



Storage

-20°C for one year

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