

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-acetylneuraminy)-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.

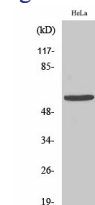
Recommended Dilution

WB: 1: 500 - 1: 2000

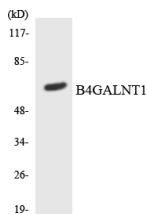
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using GM2/GD2 synthase Polyclonal Antibody



Western blot analysis of the lysates from COLO205 cells using B4GALNT1 antibody.

Storage

-20°C for one year

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