

Anti-B4GALNT1 Antibody

Catalog # AP95693

Product Information

Application	WB, IHC, FC
Primary Accession	Q00973
Reactivity	Human, Mouse, Mk
Host	Mouse
Clonality	Monoclonal
Calculated MW	58882

Additional Information

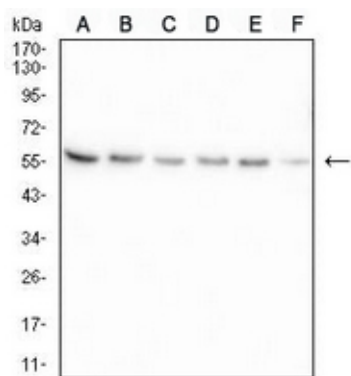
Gene ID	2583
Other Names	GALGT; SIAT2; Beta-1, 4 N-acetylgalactosaminyltransferase 1; (N-acetylneuraminyl)-galactosylglucosylceramide; GM2/GD2 synthase; GalNAc-T
Target/Specificity	Recombinant fusion protein of human B4GALNT1 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

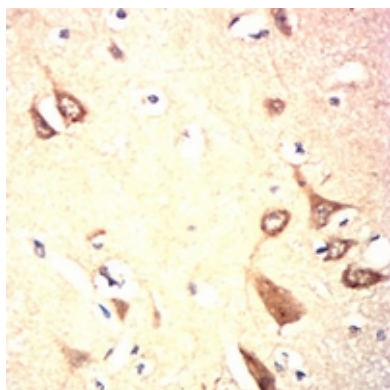
Name	B4GALNT1 (HGNC:4117)
Synonyms	GALGT, SIAT2
Function	Involved in the biosynthesis of gangliosides GM2, GD2, GT2 and GA2 from GM3, GD3, GT3 and GA3, respectively.
Cellular Location	Golgi apparatus membrane {ECO:0000250 UniProtKB:Q10468}; Single-pass type II membrane protein

Images

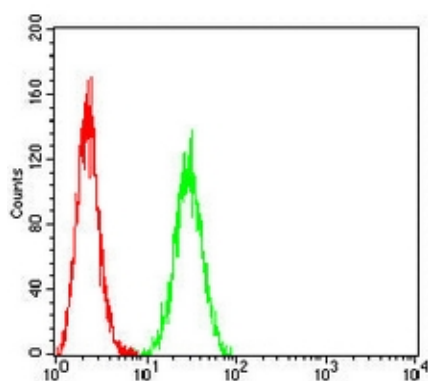
Western blot analysis of B4GALNT1 expression in Hela (A), Jurkat (B), HepG2 (C), k562 (D), COS7 (E), NIH/3T3 (F) whole cell lysates. (Predicted band size: 59 kD; Observed



band size: 59 kD)



Immunohistochemical analysis of B4GALNT1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of HeLa cells using Anti-B4GALNT1 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.