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β-1,3-Gal-T1 Polyclonal Antibody

Catalog # AP73185

Product Information

Application	WB, E
Primary Accession	Q9Y5Z6
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37993

Additional Information

Gene ID	8708
Other Names	B3GALT1; Beta-1; 3-galactosyltransferase 1; Beta-1, 3-GalTase 1; Beta3Gal-T1; Beta3GalT1; UDP-galactose:beta-N-acetyl-glucosamine-beta-1, 3-galactosyltransferase 1
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

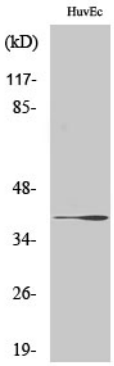
Name	B3GALT1 (HGNC:916)
Function	Beta-1,3-galactosyltransferase that transfers galactose from UDP-alpha-D-galactose to substrates with a terminal beta-N-acetylglucosamine (beta-GlcNAc) residue. Involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins. Inactive towards substrates with terminal alpha-N-acetylglucosamine (alpha- GlcNAc) or alpha-N-acetylgalactosamine (alpha-GalNAc) residues.
Cellular Location	Golgi apparatus membrane; Single- pass type II membrane protein
Tissue Location	Detected in brain and colon mucosa and to a lesser extent in colon adenocarcinoma cells.

Background

Beta-1,3-galactosyltransferase that transfers galactose from UDP-alpha-D-galactose to substrates with a

terminal beta-N- acetylglucosamine (beta-GlcNAc) residue. Involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins. Inactive towards substrates with terminal alpha-N-acetylglucosamine (alpha-GlcNAc) or alpha-N-acetylgalactosamine (alpha-GalNAc) residues.

Images



Western Blot analysis of various cells using β-1,3-Gal-T1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

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