



CGT Monoclonal Antibody

Catalog No BYmab-10839 Isotype IgG Reactivity Human; Rat Applications WB Gene Name UGT8 CGT UGT4 Protein Name CGT Immunogen Synthesized peptide derived from human CGT Specificity This antibody detects endogenous levels of human CGT Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms 2-hydroxyacylsphingosine 1-beta-galactosyltransferase (EC 2.4.1.45;Ceramide UDP-galactosyltransferase) Observed Band 60kD Cell Pathway Membrane; Single-pass membrane protein . Endoplasmic reticulum . Tissue Specificity Brain, Function catalytic activity; UDP-galactose + 2-(2-hydroxyacyl)sphingosine - function:Catalyzes the transfer of galactose to ceramide, a key enzymatic step in the biosynthesis of galactose in the touPr		
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Function catalytic activity:UDP-galactose + 2-(2-hydroxyacyl)sphingosine = UDP + 1-(beta-D-galactosyl)-2-(2-hydroxyacyl)sphingosine.,function:Catalyzes the transfer of galactose to ceramide, a key enzymatic step in the biosynthesis of galactocerebrosides, which are abundant sphingolipids of the myelin membrane of the central nervous system and peripheral nervous system.,online information:2-hydroxyacylsphingosine 1-beta-galactosyltransferase precursor,pathway:Sphingolipid metabolism; galactosylceramide	Cell Pathway	Membrane ; Single-pass membrane protein . Endoplasmic reticulum .
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	Function	1-(beta-D-galactosyl)-2-(2-hydroxyacyl)sphingosine.,function:Catalyzes the transfer of galactose to ceramide, a key enzymatic step in the biosynthesis of galactocerebrosides, which are abundant sphingolipids of the myelin membrane of the central nervous system and peripheral nervous system.,online information:2-hydroxyacylsphingosine 1-beta-galactosyltransferase precursor,pathway:Sphingolipid metabolism; galactosylceramide

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Background	UDP glycosyltransferase 8(UGT8) Homo sapiens The protein encoded by this gene belongs to the UDP-glycosyltransferase family. It catalyzes the transfer of galactose to ceramide, a key enzymatic step in the biosynthesis of galactocerebrosides, which are abundant sphingolipids of the myelin membrane of the central and peripheral nervous systems. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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