

CGT Polyclonal Antibody

Catalog No :	YT6184
Reactivity :	Human;Rat
Applications :	IHC;IF;WB
Target :	CGT
Fields :	>>Ether lipid metabolism;>>Sphingolipid metabolism;>>Metabolic pathways
Gene Name :	UGT8 CGT UGT4
Protein Name :	CGT
Human Gene Id :	7368
Human Swiss Prot No :	Q16880
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 :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:50-200, WB 1:500-2000. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	60kD

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],

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 biosynthesis.,similarity:Belongs to the UDP-glycosyltransferase family.,

Subcellular Location : Membrane ; Single-pass membrane protein . Endoplasmic reticulum .

Expression : Brain,

Sort : 3921

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images