

## CGT Polyclonal Antibody

<b>Catalog No :</b>	YT6184
<b>Reactivity :</b>	Human;Rat
<b>Applications :</b>	IHC;IF;WB
<b>Target :</b>	CGT
<b>Fields :</b>	>>Ether lipid metabolism;>>Sphingolipid metabolism;>>Metabolic pathways
<b>Gene Name :</b>	UGT8 CGT UGT4
<b>Protein Name :</b>	CGT
<b>Human Gene Id :</b>	7368
<b>Human Swiss Prot No :</b>	Q16880
<b>Immunogen :</b>	Synthesized peptide derived from human CGT
<b>Specificity :</b>	This antibody detects endogenous levels of human CGT
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:50-200, WB 1:500-2000. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	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],

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

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

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**Expression :** Brain,

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## Products Images