



# CEGT Polyclonal Antibody

<b>Catalog No</b>	BYab-07728
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	UGCG
<b>Protein Name</b>	Ceramide glucosyltransferase (EC 2.4.1.80) (GLCT-1) (Glucosylceramide synthase) (GCS) (UDP-glucose ceramide glucosyltransferase) (UDP-glucose:N-acylsphingosine D-glucosyltransferase)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	CEGT Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	43kD
<b>Cell Pathway</b>	Golgi apparatus membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Found in all tissues examined.
<b>Function</b>	catalytic activity:UDP-glucose + N-acylsphingosine = UDP + D-glucosyl-N-acylsphingosine.,function:Catalyzes the first glycosylation step in glycosphingolipid biosynthesis, the transfer of glucose to ceramide. May also serve as a "flippase".,online information:GlycoGene database,pathway:Lipid metabolism; sphingolipid metabolism.,similarity:Belongs to the glucosyltransferase 2 family.,tissue specificity:Found in all tissues examined.,
<b>Background</b>	This gene encodes an enzyme that catalyzes the first glycosylation step in the biosynthesis of glycosphingolipids, which are membrane components containing lipid and sugar moieties. The product of this reaction is glucosylceramide, which is the core structure of many glycosphingolipids. [provided by RefSeq, Dec 2014],

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**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**

