



Anti-GYS2 (aa 612-661) polyclonal antibody (CABT-BL1710)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide: TLSRAFPDKF HVELTSPPTT EGFKYPRPSS VPPSPSGSQA SSPQSSDVED, corresponding to a region within internal sequence amino acids 612 - 661 of Human Glycogen synthase 2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, ELISA, WB
Format	Liquid
Buffer	2% Sucrose, PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The protein encoded by this gene, liver glycogen synthase, catalyzes the rate-limiting step in the synthesis of glycogen - the transfer of a glucose molecule from UDP-glucose to a terminal branch of the glycogen molecule. Mutations in this gene cause glycogen storage disease type 0
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(GSD-0) - a rare type of early childhood fasting hypoglycemia with decreased liver glycogen content.

GENE INFORMATION

Entrez Gene ID	2998
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Protein Refseq	NP_068776
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UniProt ID	P54840
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