



# Rabbit Anti-Human GYS1 monoclonal antibody, clone K.29.6 (CABT-L1335)

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

## PRODUCT INFORMATION

<b>Target</b>	GYS1
<b>Immunogen</b>	Synthetic peptide corresponding to the sequence of human glycogen synthase
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	K.29.6
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, IP, WB
<b>Format</b>	Liquid
<b>Buffer</b>	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	-20°C

## BACKGROUND

<b>Introduction</b>	The protein encoded by this gene catalyzes the addition of glucose monomers to the growing glycogen molecule through the formation of alpha-1,4-glycoside linkages. Mutations in this
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gene are associated with muscle glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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**Keywords** GYS1;glycogen synthase 1 (muscle);GSY;GYS;glycogen [starch] synthase, muscle

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## GENE INFORMATION

Entrez Gene ID [2997](#)

UniProt ID [P13807](#)