

## Product datasheet for **TA361390**

### Glycogen synthase 1 (GYS1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human GYS1
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	74 kDa
Gene Name:	glycogen synthase 1
Database Link:	<a href="#">NP_001155059.1</a> <a href="#">Entrez Gene 2997 Human</a> <a href="#">P13807-2</a>
Background:	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 gene are associated with muscle glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Synonyms:	GSY; GYS
Protein Pathways:	Insulin signaling pathway, Starch and sucrose metabolism



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## Product images:



Host: Rabbit  
Target Name: GYS1  
Sample Type: HeLa Cell Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: GYS1  
Sample Tissue: Human HeLa Whole Cell lysates  
Antibody Dilution: 1 $\mu$ g/ml