

**Anti-GYS1 / Glycogen Synthase Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18166****Specification**

---

**Anti-GYS1 / Glycogen Synthase Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	<a href="#">P13807</a>
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	83786

**Anti-GYS1 / Glycogen Synthase Antibody - Additional Information****Gene ID 2997**

Alias Symbol	GYS1
<b>Other Names</b>	
GYS1, Glycogen synthase 1 (muscle), GSY, GYS	

**Target/Specificity**

Human GYS1 / Glycogen Synthase

**Reconstitution & Storage**

Affinity purified

**Precautions**

Anti-GYS1 / Glycogen Synthase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-GYS1 / Glycogen Synthase Antibody - Protein Information****Name** GYS1 ([HGNC:4706](#))**Synonyms** GYS**Function**

Glycogen synthase participates in the glycogen biosynthetic process along with glycogenin and glycogen branching enzyme. Extends the primer composed of a few glucose units formed by glycogenin by adding new glucose units to it. In this context, glycogen synthase transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.

**Tissue Location**

Expressed in skeletal muscle and most other cell types where glycogen is present.

## **Anti-GYS1 / Glycogen Synthase Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Anti-GYS1 / Glycogen Synthase Antibody - Images**