10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

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	P13807
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**

Other Names
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.

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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 Cytomety
- Cell Culture

Anti-GYS1 / Glycogen Synthase Antibody - Images