

GYS2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12613**Specification**

GYS2 antibody - middle region - Product Information

Application	WB
Primary Accession	P54840
Other Accession	NM_021957 , NP_068776
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81kDa KDa

GYS2 antibody - middle region - Additional Information**Gene ID** 2998**Other Names**

Glycogen [starch] synthase, liver, 2.4.1.11, GYS2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-GYS2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

GYS2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

GYS2 antibody - middle region - Protein Information**Name** GYS2 {ECO:0000303|PubMed:9691087, ECO:0000312|HGNC:HGNC:4707}**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

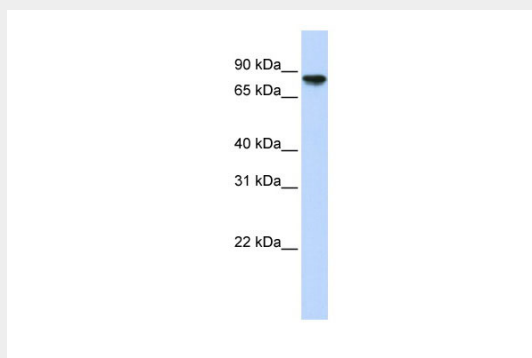
Specifically expressed in liver (at protein level).

GYS2 antibody - middle region - 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](#)

GYS2 antibody - middle region - Images



WB Suggested Anti-GYS2 Antibody Titration: 0.2-1 μ g/ml

ELISA Titer: 1:312500

Positive Control: Human Muscle

GYS2 antibody - middle region - References

Watanabe, I., (2003) Clin. Pharmacol. Ther. 73(5), 435-455 Reconstitution and 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.