

**Glycogen synthase 2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58115**

**Specification**

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**Glycogen synthase 2 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P54840</a>
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80989

**Glycogen synthase 2 Polyclonal Antibody - Additional Information**

**Gene ID** 2998

**Other Names**

Glycogen [starch] synthase, liver, 2.4.1.11, GYS2

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Glycogen synthase 2 Polyclonal Antibody - 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).

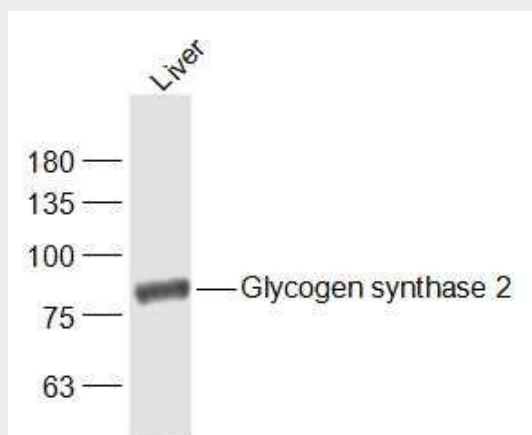
**Glycogen synthase 2 Polyclonal Antibody - Protocols**

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](#)

### Glycogen synthase 2 Polyclonal Antibody - Images



**Sample:**

Liver (Mouse) Lysate at 40 ug

Primary: Anti-Glycogen synthase 2 (bs-3989R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 81 kD

Observed band size: 81 kD