



[Go to Product page](#)

Datasheet for ABIN899188

## anti-Glycogen Synthase 2 antibody (AA 621-703) (Alexa Fluor 350)

### Overview

Quantity:	100 µL
Target:	Glycogen Synthase 2 (GYS2)
Binding Specificity:	AA 621-703
Reactivity:	Mouse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glycogen Synthase 2 antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Glycogen synthase 2
Isotype:	IgG
Cross-Reactivity:	Mouse, Pig
Predicted Reactivity:	Human,Rat,Dog,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Glycogen Synthase 2 (GYS2)
Alternative Name:	Glycogen synthase 2 ( <a href="#">GYS2 Products</a> )

## Target Details

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**Background:** Synonyms: Glycogen starch synthase liver, Glycogen starch synthase liver, EC 2.4.1.11, Glycogen synthase 2 liver, GYS2, GYS2\_HUMAN.  
Background: Glycogen synthase catalyzes the rate-limiting step in glycogen synthesis. Its activity is regulated by a complex phosphorylation-dephosphorylation mechanism and by allosteric stimulators and inhibitors. Two isozymes of synthase, a skeletal muscle type (Glycogen synthase 1 - GYS1) and a liver type (Glycogen synthase 2 - GYS2), have been identified.

**Gene ID:** 2998

**Pathways:** [AMPK Signaling](#), [Cellular Glucan Metabolic Process](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

**Storage:** -20 °C

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

**Expiry Date:** 12 months