

## Anti-Glycogen synthase 2 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Horse,Rabbit)
Molecular Weight:	Theoretical: 81 kDa. Actual: 81 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: Liver (Mouse) Lysate at 40 µg Primary: Anti-Glycogen synthase 2 (TMAB-06572) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 81 kD Observed band size: 81 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Glycogen synthase 2
Antigen Species:	Human
Gene ID:	2998
Uniprot ID:	P54840

## Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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