

# Product Datasheet

## Glycogen Synthase [p Ser641] Antibody (1D1) NBP3-26421-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26421-100ul**

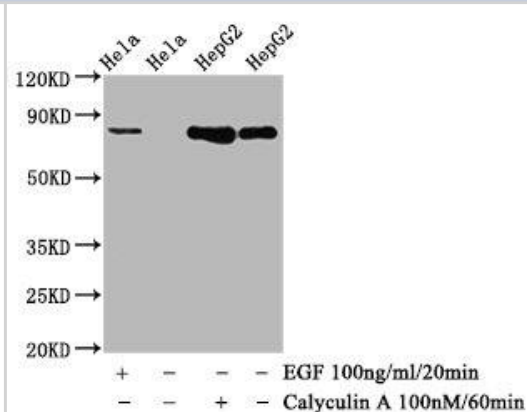
Glycogen Synthase [p Ser641] Antibody (1D1)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D1
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	2997
Gene Symbol	GYS1
Species	Human
Immunogen	A synthesized peptide derived from Human Glycogen Synthase [p Ser641] [UniProt P13807]
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA, Immunocytochemistry/ Immunofluorescence 1:20-1:200

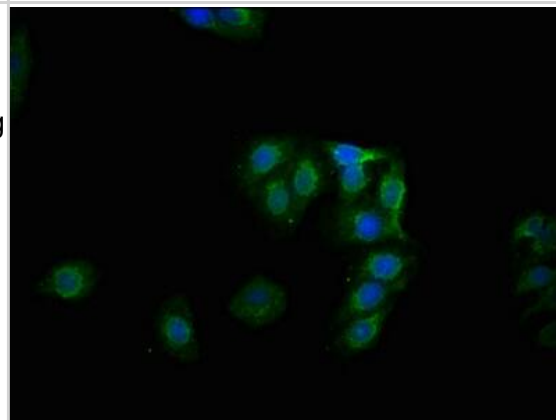


## Images

Western Blot: Glycogen Synthase [p Ser641] Antibody (1D1) [NBP3-26421] - Positive Western Blot detected in Hela whole cell lysate, HepG2 whole cell lysate (treated with Calyculin A or EGF).  
 All lanes: Glycogen Synthase [p Ser641] Antibody at 1.12ug/ml.  
 Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.  
 Predicted band size: 85 KDa  
 Observed band size: 85 KDa



Immunocytochemistry/Immunofluorescence: Glycogen Synthase [p Ser641] Antibody (1D1) [NBP3-26421] - Staining of HepG2 cells with Glycogen Synthase [p Ser641] Antibody (1D1) at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).





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### **Products Related to NBP3-26421-100ul**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002997-P01-10ug	Recombinant Human Glycogen Synthase GST (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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