

# Product Datasheet

## Glycogen Synthase [p Ser641] Antibody (1D1) - BSA Free 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) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1D1
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Glycogen Synthase [p Ser641] Antibody (1D1) - BSA Free (NBP3-26421) is a recombinant monoclonal antibody validated for use in WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2997
<b>Gene Symbol</b>	GYS1
<b>Species</b>	Human
<b>Immunogen</b>	A synthesized peptide derived from Human Glycogen Synthase [p Ser641] [UniProt P13807]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, ELISA, Immunocytochemistry/ Immunofluorescence 1:20-1:200

## Images

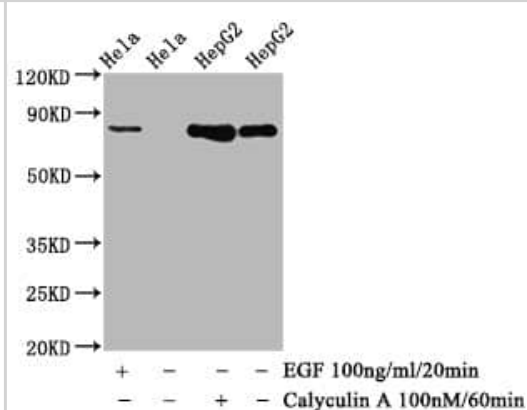
Western Blot: Glycogen Synthase [p Ser641] Antibody (1D1) [NBP3-26421] - Positive Western Blot detected in HeLa whole cell lysate, HepG2 whole cell lysate (treated with Calyculin A or EGF).

All lanes: Glycogen Synthase [p Ser641] Antibody at 1.12ug/ml.

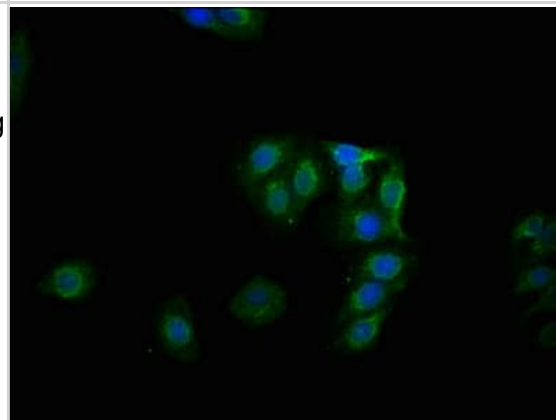
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

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**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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