

# Product Datasheet

## GSK-3 alpha/beta [p Ser21] Antibody - Azide and BSA Free NBP3-05443

Unit Size: 100 ul

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

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**NBP3-05443**

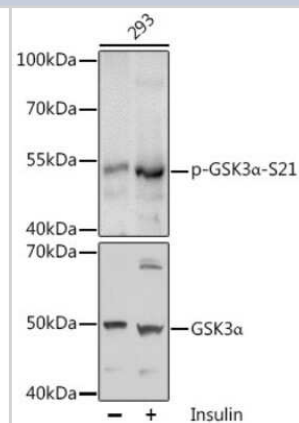
GSK-3 alpha/beta [p Ser21] Antibody - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS with 50% glycerol, pH7.3.
Target Molecular Weight	50 kDa
Product Description	
Host	Rabbit
Gene ID	2931
Gene Symbol	GSK3A
Species	Human
Immunogen	A synthetic phosphorylated peptide around S21 of human GSK-3 alpha/beta (NP_063937.2). TSSFA
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA, Immunoprecipitation 1:50-1:100

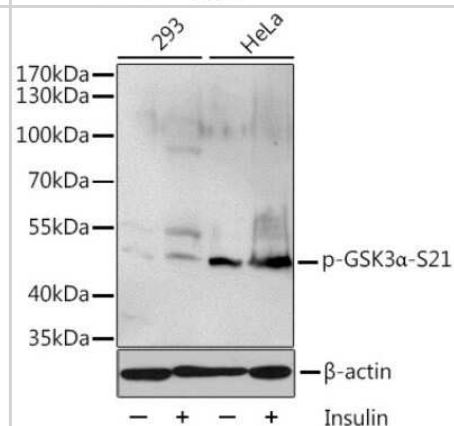


## Images

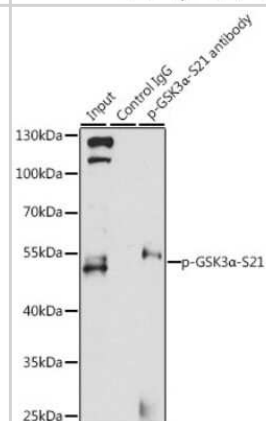
**Western Blot: GSK-3 alpha/beta [p Ser21] Antibody [NBP3-05443] -**  
 Western blot analysis of extracts of 293 cells, using GSK-3 alpha/beta antibody (NBP3-05443) at 1:1000 dilution or GSK3alpha antibody (A0645). 293 cells were treated by Insulin (100nM) for 10 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



**Western Blot: GSK-3 alpha/beta [p Ser21] Antibody [NBP3-05443] -**  
 Western blot analysis of extracts of 293 and HeLa cells, using GSK-3 alpha/beta antibody (NBP3-05443) at 1:1000 dilution. 293 cells were treated by Insulin (100nM) for 10 minutes after serum-starvation overnight. HeLa cells were treated by Insulin (0.01U/mL) for 15 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



**Immunoprecipitation: GSK-3 alpha/beta [p Ser21] Antibody [NBP3-05443] -**  
 Immunoprecipitation analysis of 200ug extracts of 293T cells, using 3 ug GSK-3 alpha/beta pAb (NBP3-05443). Western blot was performed from the immunoprecipitate using GSK-3 alpha/beta pAb (NBP3-05443) at a dilution of 1:1000. 293T cells were treated by Insulin (100 nM) at 37C for 10 minutes after serum-starvation overnight.





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### **Products Related to NBP3-05443**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
DYC2630-2	GSK-3 alpha/beta [p Ser196, p Ser21] [Biotin]

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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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