

# Phospho-GSK3 alpha (Ser21) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S21 of human GSK3alpha (NP_0639372)
Form	Liquid
Concentration	0.82 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol
Contains	0.05% ProClin 300
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2914863

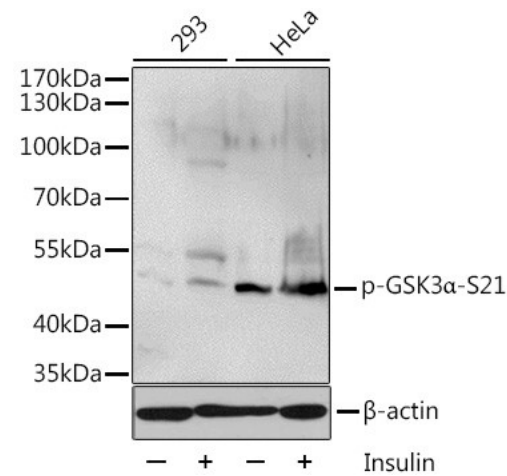
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunoprecipitation (IP)	1:50-1:100	-

## Product Specific Information

Positive test controls include: 293, HeLa.

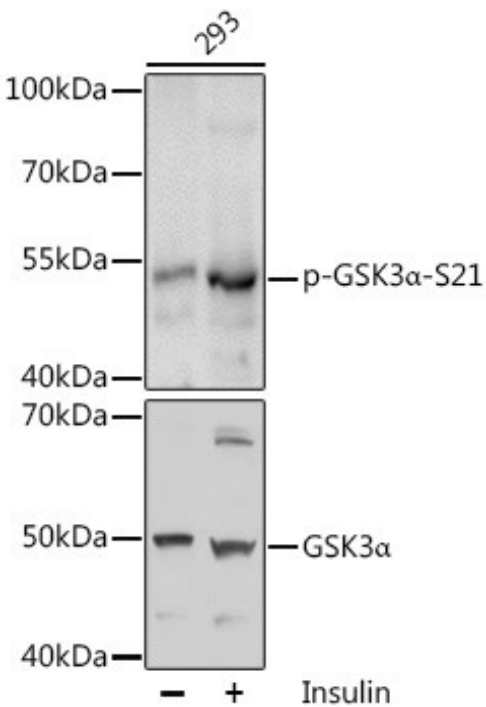
Immunogen sequence: TSSFA

## Product Images For Phospho-GSK3 alpha (Ser21) Polyclonal Antibody



**Phospho-GSK3 alpha (Ser21) Antibody (PA5-121291) in WB**

Western blot analysis of Phospho-GSK3 alpha (Ser21) in extracts of 293 and HeLa cells. Samples were incubated with Phospho-GSK3 alpha (Ser21) Polyclonal antibody (Product # PA5-121291) using a dilution of 1:1,000, followed by HRP Goat Anti-Rabbit IgG (H+L) secondary antibody at a dilution of 1:10,000. 293 cells were treated by Insulin (100 nM) for 10 minutes after serum-starvation overnight. HeLa cells were treated by Insulin (0.01 U/mL) for 15 minutes after serum-starvation overnight. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA.

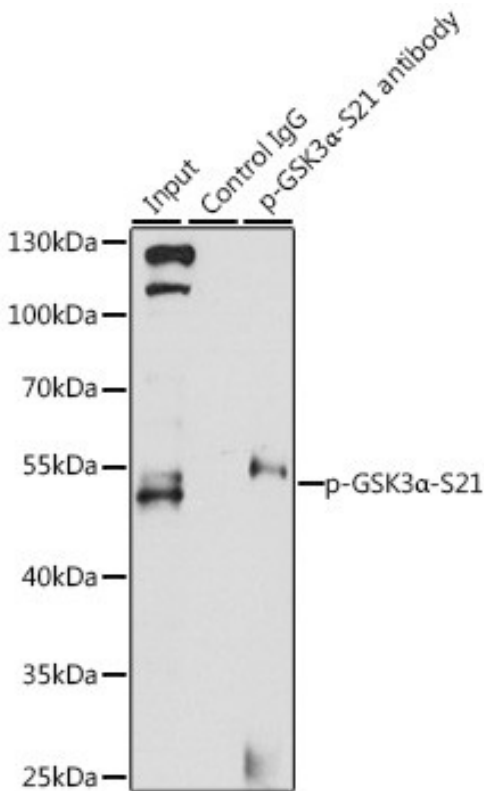


### Phospho-GSK3 alpha (Ser21) Antibody (PA5-121291) in WB

Western blot analysis of Phospho-GSK3 alpha (Ser21) in extracts of 293 cells. Samples were incubated with Phospho-GSK3 alpha (Ser21) Polyclonal antibody (Product # PA5-121291) using a dilution of 1:1,000 or GSK3 alpha antibody (Product # PA5-87470). Followed by HRP Goat Anti-Rabbit IgG (H+L) secondary antibody at a dilution of 1:10,000. 293 cells were treated by Insulin (100 nM) for 10 minutes after serum-starvation overnight. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA.

### Phospho-GSK3 alpha (Ser21) Antibody (PA5-121291) in IP

Immunoprecipitation of Phospho-GSK3 alpha (Ser21) in 200 g extracts of 293T cells. Samples were precipitated with 3 g Phospho-GSK3 alpha (Ser21) Polyclonal antibody (Product # PA5-121291). Western blot was performed from the immunoprecipitate using Phospho-GSK3 alpha (Ser21) Polyclonal antibody (Product # PA5-121291) at a dilution of 1:1,000.



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