

Phospho-GSK3alpha-S21 Antibody

CABP0582

Description

This Phospho-GSK3alpha-S21 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP0582
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	GSK3 alpha, GSK3A, Phospho-GSK3a-S21
Clone:	-
Applications:	WB IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human

Antibody Data

Gene ID:	2931
Uniprot:	AB_2771150
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	51kDa
Calculated MW:	51kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

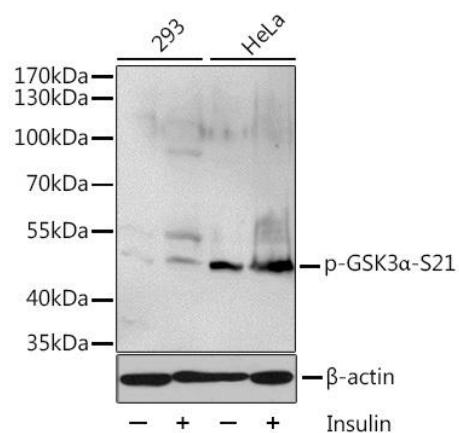
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: 293 treated with Insulin, HeLa treated with Insulin

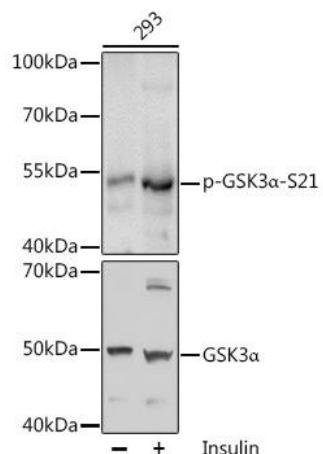
Recommended Dilutions:	WB	1:500 - 1:2000
	IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from 293 and HeLa cells, using Phospho-GSK3α- Rabbit pAb (CABP0582) at 1:1000 dilution. 293 cells were treated with Insulin (100nM) for 10 minutes after serum-starvation overnight. HeLa cells were treated with Insulin (0.01U/mL) for 15 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA.



Western blot analysis of lysates from 293 cells, using Phospho-GSK3 α - Rabbit pAb (CABP0582) at 1:1000 dilution or GSK3 α antibody (CAB0645). 293 cells were treated with Insulin (100nM) for 10 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% BSA.