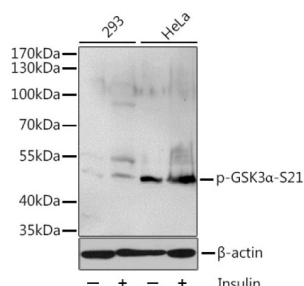
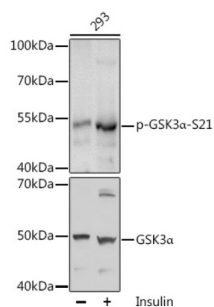


GSK3A (pS21) Antibody

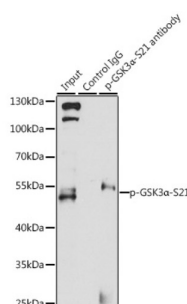
Catalogue No.: abx123381



Western blot analysis of lysates from 293 and HeLa cells, using Phospho-GSK3α-S21 Antibody 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-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA.



Western blot analysis of lysates from 293 cells, using Phospho-GSK3α-S21 Antibody at 1/1000 dilution or GSK3α antibody. 293 cells were treated by Insulin (100nM) for 10 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA.



Immunoprecipitation analysis of 200 µg extracts of 293T cells, using 3 µg Phospho-GSK3α-S21 antibody. Western blot was performed from the immunoprecipitate using Phospho-GSK3α-S21 antibody at a dilution of 1/1000. 293T cells were treated by Insulin (100 nM) at 37 °C for 10 minutes after serum-starvation overnight.

GSK3A (pS21) Antibody is a Rabbit Polyclonal Antibody against GSK3A (pS21).

Target: GSK3A (pS21)

Clonality: Polyclonal

Modification: Phosphorylation

Reactivity: Human

Tested Applications: ELISA, WB, IP

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 3.0.0
Revision date: 30 May 2025



Conjugation:	Unconjugated
Immunogen:	A synthetic phosphorylated peptide around S21 of human GSK3 α .
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P49840 (UniProt , ExPASy)
Gene Symbol:	GSK3A
GeneID:	2931
NCBI Accession:	NP_063937.2
KEGG:	hsa:2931
String:	9606.ENSP00000222330
Molecular Weight:	Calculated MW: 51 kDa Observed MW: 51 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.