Anti-Phospho-GSK3A-Ser21 antibody (10-90) (STJ90282)

STJ90282

GENERAL INFORMATION

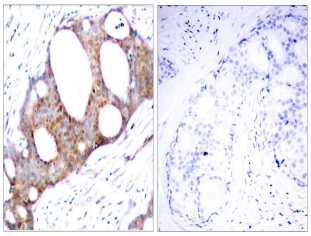
Product Type Primary antibodies
Short Description Rabbit polyclonal antibody anti-Phospho-Glycogen Synthase Kinase-3 Alpha-Ser21 (10-90) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunoprecipitation and ELISA research applications.
Applications WB, IHC-P, IF-P, IP, ELISA
Host/Source Rabbit
Reactivity Human, Mouse, Rat

PRODUCT PROPERTIES

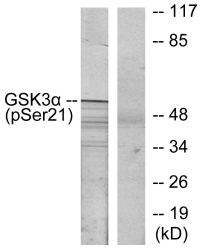
Clonality Polyclonal
Clone ID
Concentration 1 mg/mL
Conjugation Unconjugated
Purification The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range WB 1:500-1:2000
IHC 1:100-1:300
IP 2-5 ug/mg ELISA 1:20000
Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype IgG
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

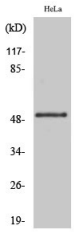
Gene ID 2931
Gene Symbol GSK3A
Uniprot ID GSK3A_HUMAN
Immunogen The antiserum was produced against synthesized peptide derived from human GSK3 alpha around the phosphorylation site of Ser21 at amino acid range 10-59
Immunogen Region 10-90
Specificity Phospho-GSK3A-Ser21 polyclonal antibody (Glycogen Synthase Kinase-3 Alpha) binds to endogenous Glycogen Synthase Kinase-3 Alpha at the amino acid region 10-90 only when phosphorylated at Ser21.
Immunogen Sequence



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using GSK3 alpha (Phospho-Ser21) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from ovary cancer, using GSK3 alpha (Phospho-Ser21) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of various cells using Phospho-GSK3 Alpha (S21) Polyclonal Antibody

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081