

Product Data Sheet: Phospho-GSK3α (S21)

Cat. No: ABP-0120

Conjugate: Unconjugated

Size: 100 ug

Clone: Poly

Concentration: 1mg/ml

Host: Rb

Isotype: IgG

A phospho specific peptide corresponding to residues surrounding S21 of human

GSK3A.

Reactivity: Hu, Ms, Rt

Applications: Western Blot: 1:1000 Immunohistochemistry: 1:50-1:100 Immunofluorescence:

1:100-1:200

Molecular Weight: 51kDa

Purification: Affinity purification

This gene encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several regulatory proteins including glycogen synthase, and

Background: transcription factors, such as JUN. It also plays a role in the WNT and PI3K

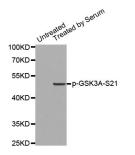
signaling pathways, as well as regulates the production of beta-amyloid peptides

associated with Alzheimer's disease.

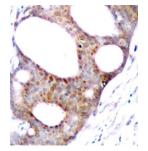
Form: liquid

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

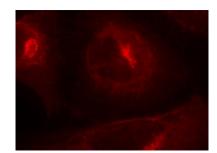
Storage: Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts from 293 cells using Phospho-GSK3A-Ser21 antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Phospho-GSK3A-Ser21 antibody.



Immunofluorescence staining of methanol-fixed Hela cells showing cytoplasmic staining using Phospho-GSK3A-Ser21 antibody.

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