



GSK3 α (Ab-21) Antibody

#21007

Catalog Number: 21007-1, 21007-2

Amount: 50 μ g/50 μ l, 100 μ g/100 μ l

Swiss-Prot No. : P49840

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human GSK3 α around the phosphorylation site of serine 21 (T-S-S_P-F-A).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

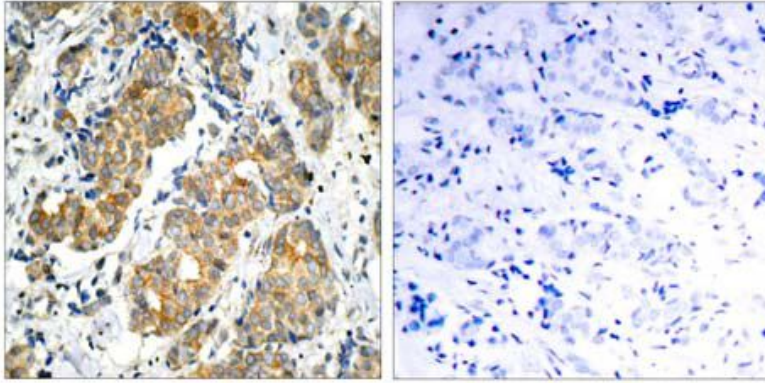
Specificity/Sensitivity: GSK3 α (Ab-21) Antibody detects endogenous levels of total GSK3 α protein and does not detect GSK-3 β protein.

Reactivity: Human, Mouse, Rat

Applications:

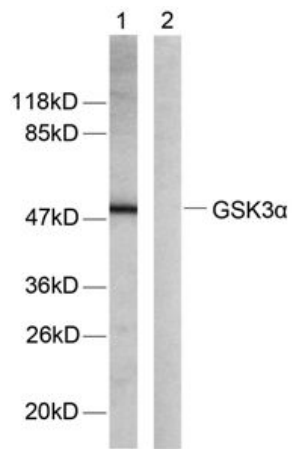
Predicted MW: 51kd

WB: 1:500~1:1000 IHC: 1:50~1:100 IF:1:100~1:200



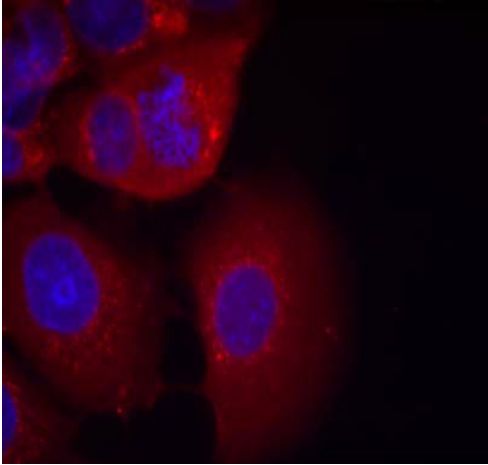
Peptide - +

. Immunohistochemical analysis of paraffin-embedded
human breast carcinoma tissue using GSK3 α (Ab-21) antibody (#21007).



Peptide - +

Western blot analysis of extracts from ovary cancer cells
using GSK3 α (Ab-21) antibody (#21007)



Immunofluorescence staining of methanol-fixed MCF7 cells using
GSK3 α (Ab-21) Antibody (#21007, Red).

Background :

Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN

References:

- Barry FA, et al. (2003) FEBS Lett. 553(1-2): 173-178.
Koivisto L, et al. (2003) J Cell Sci. 116(Pt 18): 3749-3760.
Welsh G I, et al. (1996) Trends Cell Biol. 6:274-279.
Srivastava A K, et al. (1998) Mol. Cell. Biochem. 182: 135-141.
Cross D A, et al. (1995) Nature. 378: 785-789.