

## 35-1365: Polyclonal Antibody to GSK3 Alpha (Ab-21)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC,IF
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	GSK3A
<b>Gene ID :</b>	2931
<b>Uniprot ID :</b>	P49840
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Factor A, GSK-3 alpha, kinase GSK3-alpha
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.19~23 (T-S-S-F-A) derived from Human GSK3a.

### Description

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

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 51kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

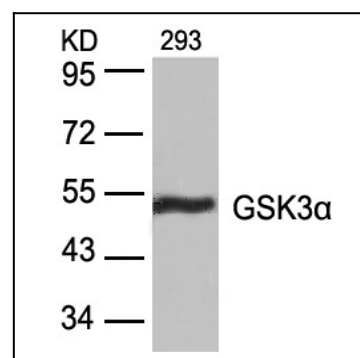


Figure 1: Western blot analysis of extracts from 293 cells using GSK3a(Ab-21) Antibody 35-1365 .

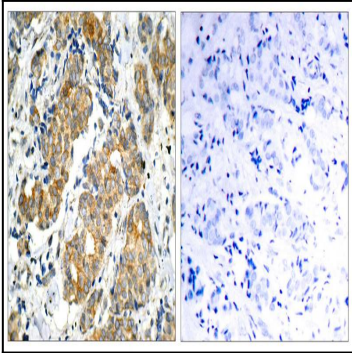


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GSK3a(Ab-21) Antibody 35-1365 (left) or the same antibody preincubated with blocking peptide(right).

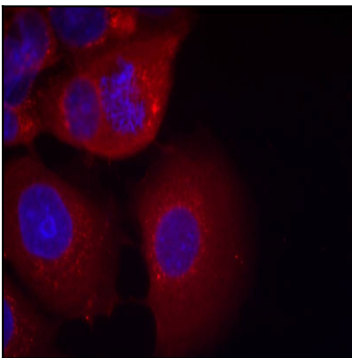


Figure 3: Immunofluorescence staining of methanol-fixed MCF7 cells using GSK3a(Ab-21) Antibody 35-1365 .