

## GSK3 Alpha/Beta Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03847
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GSK3 alpha/beta. AA range:246-295
<b>Mol wt</b>	50981
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	GSK3alpha/beta Antibody
<b>Synonyms</b>	GSK3A; Glycogen synthase kinase-3 alpha; GSK-3 alpha; Serine/threonine-protein kinase GSK3A; GSK3B; Glycogen synthase kinase-3 beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

GSK3A encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several regulatory proteins including glycogen synthase, and transcription factors, such as JUN. Glycogen synthase kinase-3 alpha 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.

### Recommended Dilution

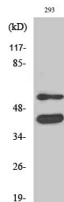
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

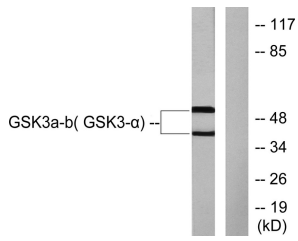
ELISA: 1: 20000

Not yet tested in other applications.

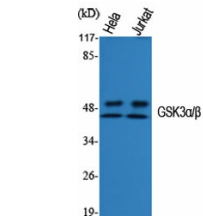
### Images



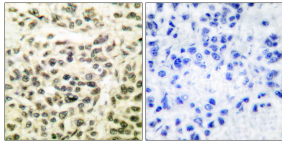
Western Blot analysis of 293 cells using GSK3 $\alpha$ / $\beta$  Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from 293 cells, treated with TNF-a 20ng/ml 30', using GSK3 alpha/beta Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GSK3 $\alpha/\beta$  Polyclonal Antibody diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using GSK3 alpha/beta Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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