

## Anti-GSK3A Polyclonal Antibody

### Product Details

Ig Type:	IgG2a, Kappa
Reactivity:	Human,Rat
Molecular Weight:	Theoretical: 54 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1:1000
	Primary ab incubation condition: 2 hours at room temperature
	Secondary ab: Goat Anti-Rat IgG H&L (HRP)
	Lysate: Rat lung
	Protein loading quantity: 20 µg
	Exposure time: 60 s
	Predicted MW: 51 kDa
	Observed MW: 51 kDa
	2. Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1:1000
	Primary ab incubation condition: 2 hours at room temperature
	Secondary ab: Goat Anti-Rat IgG H&L (HRP)
	Lysate: 293, U87MG
Protein loading quantity: 20 µg	
Exposure time: 60 s	
Predicted MW: 51 kDa	
Observed MW: 51 kDa	
Application:	WB
Recommended	WB: 1:500-1000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

**Antigen Details**

Gene ID: 2931

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**Research Background**

This gene 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. 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. [provided by RefSeq, Oct 2011]

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