

## Product Datasheet

### GSK3B (N) Antibody, Rabbit Polyclonal (orb67090)

<b>Catalog Number</b>	orb67090
<b>Category</b>	Antibodies
<b>Description</b>	<p>Rabbit polyclonal to GSK3B. Glycogen synthase kinase-3 beta (GSK3B) is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. GSK3B participates in the Wnt signaling pathway, and it may be required for early embryo development and neuron differentiation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease.</p>
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	0.01% NaN <sub>3</sub>
<b>Purity</b>	Affinity purification
<b>Immunogen</b>	N-terminal region of human GSK3B
<b>UniProt ID</b>	<b>P49841</b>
<b>MW</b>	47
<b>Tested applications</b>	WB
<b>Dilution range</b>	WB:1:1000-1:5000

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**Storage**

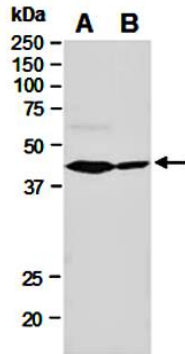
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

For research use only

**Expiration Date**

12 months from date of receipt.



Western blot analysis of human HeLa nuclear extract(Lane1) and human 293T total cell extract using GSK3B antibody

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