

## Phospho-GSK3 beta (Ser9) Antibody

Cat. No.:	HY-P80820
Synonyms:	Phospho-GSK3 beta (Ser9) Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 47 kDa, targeting to Phospho-GSK3 beta (Ser9). It can be used for WB,IHC-F,IHC-P,ICC/IF assays with tag free, in the background of Human, Mouse, Rat.
Host:	Rabbit
Reactivity:	Human,Mouse,Rat
Conjugation:	Non-conjugated
SwissProt ID:	P49841
Research Field:	Neuroscience
Molecular Weight:	Predicted band size: 47 kDa

### PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
	IF	1:50-1:200
Shipping	Shipping with blue ice.	

### DESCRIPTION

Background	GSK3 beta: The protein encoded by this gene is a serine-threonine kinase belonging to the glycogen synthase kinase subfamily. It is a negative regulator of glucose homeostasis and is involved in energy metabolism, inflammation, ER-stress, mitochondrial dysfunction, and apoptotic pathways. Defects in this gene have been associated with Parkinson disease and Alzheimer disease. [provided by RefSeq, Aug 2017]
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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