

GSK3 β (phospho Ser9) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A15412	Rabbit	1 mg/ml	46744
Applications	IF, WB, IHC, IP, ELISA		
Reactivity	Human, Mouse, Rat		
Dilution	IF: 1:50-200 WB: 1:500 - 1:2000. IHC: 1:100 - 1:300. Immunoprecipitation: 2-5 ug:mg lysate. ELISA: 1:5000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	Phospho-GSK3 β (S9) Polyclonal Antibody detects endogenous levels of GSK3 β protein only when phosphorylated at S9.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human GSK3 beta around the phosphorylation site of Ser9. AA range:1-50		
Uniprot No	P49841		
Alternative names	GSK3B; Glycogen synthase kinase-3 beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	glycogen synthase kinase 3 beta(GSK3B) Homo sapiens The protein encoded by this gene 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. 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009],		
Other	GSK3B, Glycogen synthase kinase-3 beta		

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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