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Phospho-GSK-3-beta (Ser9) (D3A4) Rabbit mAb

Applications: WB, IP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 46	Source/Isotype: Rabbit IgG	UniProt ID: #P49841	Entrez-Gene Id: 2932	
Product Usage Information	We	plication stern Blotting nunoprecipitation			Dilution 1:1000 1:50		
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					erol and less than	
Specificity / Sensit		Phospho-GSK-3-beta (Ser9) (D3A4) Rabbit mAb detects endogenous levels of GSK-3-beta only when phosphorylated at Ser9.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide corresponding to residues around Ser9 of human GSK-3-beta.					
Background Background Refere	synt phos cell and a co deve ences 1. W 2. Si 3. C 4. N	hesis in response to sphorylates and inac survival pathway wh Ser9 of GSK-3β (2, mponent of the Wnt elopment (4). GSK-3 /elsh, G.I. et al. (199	o insulin (1). GSk ctivates glycoger nose activity can 3). GSK-3 has be signaling pathw 8 has been show 96) <i>Trends Cell B</i> Pandey, S.K. (19 95) <i>Nature</i> 378, 7 89, 321-3.	98) Mol Cell Biochem 1 785-9.	ressed serine/threonin critical downstream ele iated phosphorylation gulation of cell fate in <i>L</i> <i>ila, Xenopus</i> , and mar proteolysis and subcell	e protein kinase that ment of the PI3K/Akt at Ser21 of GSK-3α <i>Dictyostelium</i> and is nmalian	
Species Reactivity	Spec	ies reactivity is dete	rmined by testing	g in at least one approve	ed application (e.g., we	estern blot).	
Western Blot Buffe		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.					
Applications Key	WB:	Western Blotting IP	: Immunoprecipi	tation			
Cross-Reactivity K	X: Xe	 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 GP: Guinea Pig Rab: rabbit All: all species expected 					
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