Store at -20C

385

Phospho-PI3 Kinase Class III (Ser249) Antibody Cell Signaling TECHNOLOGY® Orders: 877-616-CELL (2355) orders@cellsignal.com

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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: WB	Reactivity: H	Sensitivity: Transfected Only	MW (kDa): 100	Source: Rabbit	UniProt ID: #Q8NEB9	Entrez-Gene Id: 5289
Product Usage Information	•	oplication estern Blotting			Dilution 1:1000	
Storage		oplied in 10 mM sodi C. Do not aliquot the		5), 150 mM NaCl, 10	0 μg/ml BSA and 50% g	lycerol. Store at –
Specificity / Sensi		ospho-PI3 Kinase Cla tein only when phos			ansfected levels of PI3 k	inase class III
Source / Purificati	to r		Ser249 of human		h a synthetic phosphope protein. Antibodies are p	
Background	PI3 pho ide whi with PI3 ser	K class III catalyzes osphatidylinositol-3-p ntified in yeast. PI3K ich regulates cellular n FYVE or PX domai K class III has been nsing pathway (5).	the phosphorylatio hosphate (PIP3) (1 class III interacts v membrane associa ns to membranes r shown to regulate	n of phosphatidylino .). PI3K class III is th vith the regular subu ation through myriste egulating vesicular t autophagy, trimeric	e been characterized. Ur isitol at the D3 position, ne mammalian homolog unit p150, the mammalia bylation (2,3). PIP3 recru rransport and protein so G-protein signaling, and e autophagy kinase ULK	producing of Vps34, first n homolog of Vps15, uits several proteins ting (4). Moreover, the mTOR nutrient-
Background Refer	2. F 3. k 4. C 5. Y	Ddorizzi, G. et al. (20 Panaretou, C. et al. (2 Kihara, A. et al. (2001 Corvera, S. (2001) <i>Tr</i> (an, Y. and Backer, J Egan, D.F. et al. (201	1997) J Biol Chem L) J Cell Biol 152, 5 affic 2, 859-66. .M. (2007) Biocher	272, 2477-85. 19-30.	-41.	
Species Reactivity	/ Spe	cies reactivity is dete	ermined by testing i	n at least one appro	ved application (e.g., we	estern blot).
Western Blot Buff		ORTANT: For wester 6 Tween® 20 at 4°C			d primary antibody in 59	% w/v BSA, 1X TBS,
Applications Key	WB	: Western Blotting				
Cross-Reactivity F	X: X		B: bovine Dg: dog	Pg: pig Sc: S. cere	s Mi: mink C: chicken D ı visiae Ce: C. elegans H	
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