Phospho-Rictor (Thr1135) (D30A3) Rabbit mAb



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

Applications: F WB	Reactivity: H M Mk	Sensitivity: Endogenous	MW (kDa): 200	Source/Isotype: Rabbit IgG	UniProt ID: #Q6R327	Entrez-Gene Id: 253260
Product Usage Information	Ар	plication			Dilution	
	We	estern Blotting			1:1000	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
Specificity / Sensitiv		Phospho-Rictor (Thr1135) (D30A3) Rabbit mAb detects endogenous levels of rictor protein only when phosphorylated at Thr1135.				
Source / Purification	ication Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide corresponding the sequence surrounding Thr1135 of human Rictor protein.					tide corresponding to
Background	mar grov com rapa Aktr kno sho Pho Pho indi	nmalian TOR (mTO wth factor-derived singlex contains mTO amycin, includes mTO in the contains mTO in the contains mTO in the contains make in the contains m	R) pathway regul gnals (1). mTOR R, GβL and rapto OR, GβL, Sin1, as s phosphorylation bits Ser473 phose the rapamycin-r L135 on rictor wa LC-MS/MS platfo hosphorylated at	process whereby cells act lates growth by coordinatis a large protein kinase, which is a target of rapand rictor (1). The mTOF is essential for full Akt, sphorylation in 3T3-L1 aresistant mutants of S6K is identified at Cell Signaturm for phosphorylation of Thr1135 by p70 S6K, where the sidentified at controlling Amechanism controlling amecha	ating energy and nutrice with two different concernments. The other concernments of the concernments of th	ent signals with mplexes. One opportunities of the properties of t
Background Referen		 Sarbassov, D.D. et al. (2004) Curr. Biol. 14, 1296-1302. Sarbassov, D.D. et al. (2005) Science 307, 1098-1101. Hresko, R.C. and Mueckler, M. (2005) J. Biol. Chem. 280, 40406-40416. Ali, S.M. and Sabatini, D.M. (2005) J. Biol. Chem. 280, 19445-19448. Rush, J. et al. (2005) Nat Biotechnol 23, 94-101. Dibble, C.C. et al. (2009) Mol Cell Biol 29, 5657-70. Julien, L.A. et al. (2010) Mol Cell Biol 30, 908-21. Treins, C. et al. (2010) Oncogene 29, 1003-16. 				

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

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

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

GP: Guinea Pig **Rab:** rabbit **All:** all species expected

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Limited Uses

Phospho-Rictor (Thr1135) (D30A3) Rabbit mAb (#3806) Datasheet Without Images Cell Signaling Technol...

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