

#12288 Store at -20C

Protor-2 (D19A5) Rabbit mAb



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

Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
WB	H Mk	Endogenous	42	Rabbit IgG	#Q6MZQ0	79899

Product Usage Information	Application Western Blotting	Dilution 1:1000
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.	
Specificity / Sensitivity	Protor-2 (D19A5) Rabbit mAb recognizes endogenous levels of total protor-2 protein.	
Source / Purification	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human protor-2 protein.	
Background	Protein observed with rictor-1 (protor-1) and protor-2 both interact with rictor and were identified as components of mTORC2 (1). The absence of protor-1 or protor-2 does not affect the assembly of other mTORC2 components into an active complex (2). Protor-1 was shown to be essential for the activation of SGK1 mediated by mTORC2 (2). Protor-2 plays a role in tristetraprolin-mediated mRNA turnover (3).	
Background References	<ol style="list-style-type: none"> 1. Pearce, L.R. et al. (2007) <i>Biochem J</i> 405, 513-22. 2. Pearce, L.R. et al. (2011) <i>Biochem J</i> 436, 169-79. 3. Holmes, B. et al. (2012) <i>Cell Signal</i> 24, 309-15. 	

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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