

70174

α-Adducin (D7T7R) Rabbit mAb



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

Applications: W, IP, eCLIP	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 120	Source/Isotype: Rabbit IgG	UniProt ID: #P35611	Entrez-Gene Id: 118
	TTIVIK		120	Rabbit 1gd		110
Product Usage Information		Application Dilution				
		Western Blotting Immunoprecipitation			1:1000 1:50	
		eCLIP			1:200	
			about the RBP-eCL	IP service please visit Ec		
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		$\alpha\text{-}Adducin$ (D7T7R) Rabbit mAb recognizes endogenous levels of total $\alpha\text{-}adducin$ protein.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Asp643 of human α -adducin protein.				
Background		promote association be related genes ADD1, A Research studies indic whereas both α-adduct regulated by phospho Ser726 and β-adducin Additionally, PKA (but negatively affects specadducin at Ser12 and Suggesting that α-add regulating renal sodiu	etween spectrin an ADD2, and ADD3 er ate that β-adducin arylation at a numb at Ser713, which ir not PKC) can phospectrin-actin interacticell motility and meser355 during mitcucin may play a rolm reabsorption, it	ociated proteins that he nd actin, and participate acode the α-adducin, β-a is found at high levels in re ubiquitously expresser of sites. Both PKA and hibits calmodulin bindir bhorylate β-adducin at Sons (3). Phosphorylation embrane ruffling (6). Find the development of lend in mitotic regulation (3) is not surprising that a rind the development of lend action of the development of lend action, and action action action action action action action.	in synapse assemb dducin, and γ-addu n brain and hemato ed (2). Adducin prot I PKC can phosphor ng and adducin acti er408, Ser436, and of α-adducin at Th ally, CDK-1 phospho of α-adducin with ti I). Because α-adducin	ly. The three closely cin proteins (1). poietic tissues, ein function is ylate α-adducin at vity (3-5). Ser481, which r445 and Thr480 by arylation of α-ne mitotic spindle, cin plays a role in how a relationship
Background Re	eferences	1. Matsuoka, Y. et al. (2000) <i>Cell Mol Life Sci</i> 57, 884-95. 2. Joshi, R. et al. (1991) <i>J Cell Biol</i> 115, 665-75. 3. Matsuoka, Y. et al. (1996) <i>J Biol Chem</i> 271, 25157-66. 4. Chen, C.L. et al. (2007) <i>J Cell Sci</i> 120, 1157-67. 5. Naydenov, N.G. and Ivanov, A.I. (2010) <i>Mol Biol Cell</i> 21, 3506-17. 6. Fukata, Y. et al. (1999) <i>J Cell Biol</i> 145, 347-61. 7. Chan, P.C. et al. (2014) <i>J Cell Biol</i> 204, 19-28. 8. Kalita, J. et al. (2013) <i>Neurol Res</i> 35, 429-34. 9. Kundu, A. and Anand, A. (2013) <i>Cell Biochem Biophys</i> 65, 13-9. 10. Watanabe, Y. et al. (2010) <i>Hypertens Res</i> 33, 129-34.				

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

W: Western Blotting IP: Immunoprecipitation eCLIP: eCLIP

Cross-Reactivity Key

H: Human Mk: Monkey

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