## YAP/TAZ (D24E4) Rabbit mAb





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Applications: W, IP	<b>Reactivity:</b> H M Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 55, 78	<b>Source/Isotype:</b> Rabbit IgG	<b>UniProt ID:</b> #Q9GZV5, #P46937	Entrez-Gene Id: 25937, 10413		
Product Usage Information		<b>Application</b> Western Blotting Immunoprecipitation			<b>Dilution</b> 1:1000 1:50			
Storage		Supplied in 10 mM sodi 0.02% sodium azide. Sto				and less than		
Specificity/Sensitivity		YAP/TAZ (D24E4) Rabbit mAb recognizes endogenous levels of total YAP and TAZ proteins.						
Source / Purifica	ation	Monoclonal antibody is residues surrounding A			a synthetic peptide corr	responding to		
Background		YAP (Yes-associated pro domain of Yes. It also b In addition to the SH3 b WW domains (2-4). Whil specific subcellular com activator by virtue of its PEBP2 and other transc widely recognized as a o conserved role in regula Ser109, Ser127) by LATS it is sequestered throug events serve to prime Y. triggering proteosomal TAZ is a transcriptional 3-3 proteins (11). TAZ sh proposed to modulate to (MSC) via interaction wi tissue development and fate, TAZ may have clini differentiation (12,13). T Hippo signaling pathwa (14).	inds to other SH3 binding motif, YAP le initial studies of partments, subset WW domain inter- ription factors (5) central mediator of ating tissue growte gh association with AP for subsequen degradation of Y/ co-activator with a ares homology we the switch betweet th transcription fa d the prevention of cal relevance to se TAZ is negatively r	domain-containing pro- contains a PDZ interact YAP all pointed toward quent studies showed racting with the PY mo . In its capacity as a tra of the Hippo Pathway, y h and organ size (6-8). s YAP translocation fro n 14-3-3 proteins (7-9). t phosphorylation by C AP (10). a PDZ-binding motif tha ith the WW domain of n proliferation and diffictors Runx2 and PPAR f tumor formation. Du everal human diseases egulated via phosphore	beteins such as Nck, Crk stion motif, a coiled-coi ds a role in anchoring a that YAP is a transcript tif (PPxY) of the transcr nscriptional co-activato which plays a fundame Phosphorylation at mu m the nucleus to the co These LATS-driven pho K1δ/ε in an adjacent pl at is regulated by its in Yes-associated protein ferentiation of mesencl y. This process is critica e to its role in determin caused by an imbalancy ylation by LATS1/2, cor	, Src, and Abl (1). I domain, and and targeting to tional co- iption factor or, YAP is now ntal and widely ultiple sites (e.g., ytoplasm, where osphorylation hosphodegron, teraction with 14- (YAP) (11). TAZ is hymal stem cells al to normal nation of MSC ce of MSC e kinases in the		
Background Ref	erences	1. Sudol, M. (1994) Onco 2. Mohler, P.J. et al. (199 3. Espanel, X. and Sudol 4. Sudol, M. et al. (1995) 5. Yagi, R. et al. (1995) 6. Dong, J. et al. (2007) 7. Zhao, B. et al. (2010) 8. Zhao, B. et al. (2012) 9. Yu, F.X. et al. (2012) 10. Zhao, B. et al. (2010) 11. Kanai, F. et al. (2000) 12. Hong, J.H. et al. (2000) 13. Hong, J.H. and Yaffe 14. Lei, Q.Y. et al. (2008)	9) J Cell Biol 147, 8 1, M. (2001) J Biol ( 5) FEBS Lett 369, 67 5) MBO J 18, 2551-62 5) Cell 130, 1120-33. Genes Dev 24, 862 Genes Dev 24, 862 6) Genes Dev 21, 274 6) Genes Dev 24, 72 6) J Cenes Dev 24, 72 6) Science 309, 10 1, M.B. (2006) Cell ( 1000	Chem 276, 14514-23. 2-71. 2-74. 47-61. 2-85. -91. 174-8. Cycle 5, 176-9.				

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.		
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Cross-Reactivity Key	H: Human M: Mouse Mk: Monkey		
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