| e at -20C | YAP/TAZ (D24E4) Rabbit mAb | | | |
|-----------|----------------------------|-----------------------------|--|--|
| Store | | Orders: | 877-616-CELL (2355) orders@cellsignal.com | |
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|--|
|--|

| Applications: WB, IP | Reactivity: H M Mk | Sensitivity: Endogenous | MW (kDa): 55, 78 | Source/Isotype: Rabbit IgG | UniProt ID: #Q9GZV5, #P46937 | Entrez-Gene Id: 25937, 10413 |
|------------------------------|---|---|---|--|--|--|
| Product Usage Information | , | Application Western Blotting Immunoprecipitation | | | Dilution 1:1000 1:50 | |
| Storage | | Supplied in 10 mM sodiu 0.02% sodium azide. Sto | | | l0 μg/ml BSA, 50% glycero dy. | ol and less than |
| Specificity / Sensitiv | vity Y | YAP/TAZ (D24E4) Rabbit | t mAb recognize | es endogenous levels | of total YAP and TAZ prote | eins. |
| Source / Purification | | Monoclonal antibody is p residues surrounding Asp | | | a synthetic peptide corresp | ponding to |
| Background | d a d s o t t c c t t t k a s o T T p p ((d h T | domain of Yes. It also bin addition to the SH3 bindin domains (2-4). While initi subcellular compartments of its WW domain interact ranscription factors (5). I central mediator of the Hi issue growth and organ kinases promotes YAP tra- association with 14-3-3 p subsequent phosphorylat of YAP (10). TAZ is a transcriptional co- proteins (11). TAZ shares proposed to modulate the MSC) via interaction with development and the pre- nave clinical relevance to | ds to other SH3 ng motif, YAP α al studies of YA s, subsequent s ting with the PY n its capacity as ippo Pathway, v size (6-8). Phos anslocation fron roteins (7-9). Th tion by CK1δ/ε i o-activator with s homology with e switch betwee h transcription fa vention of tumo o several human ed via phosphol | B domain-containing pi pontains a PDZ interact P all pointed towards tudies showed that YA motif (PPxY) of the tr s a transcriptional co-a which plays a fundame phorylation at multiple in the nucleus to the cy nese LATS-driven pho n an adjacent phosph a PDZ-binding motif th the WW domain of Ya n proliferation and diff actors Runx2 and PPA r formation. Due to its in diseases caused by rylation by LATS1/2, c | I on its ability to associate roteins such as Nck, Crk, S ion motif, a coiled-coil don a role in anchoring and tar AP is a transcriptional co-a ranscription factor PEBP2 activator, YAP is now widel intal and widely conserved e sites (e.g., Ser109, Ser12 toplasm, where it is seque sphorylation events serve odegron, triggering proteous nat is regulated by its inter es-associated protein (YAF erentiation of mesenchym kRy. This process is critical role in determination of M an imbalance of MSC diffe ore kinases in the Hippo s levelopment (14). | Src, and Abl (1). In nain, and WW geting to specific ctivator by virtue and other y recognized as a I role in regulating 27) by LATS estered through to prime YAP for somal degradation action with 14-3-3 P) (11). TAZ is al stem cells I to normal tissue SC fate, TAZ may rentiation (12,13). |
| Background Refere | 2 3 4 5 6 7 8 9 10 11 12 13 | L. Sudol, M. (1994) <i>Onco</i> 2. Mohler, P.J. et al. (1998) 3. Espanel, X. and Sudol, 4. Sudol, M. et al. (1995) 5. Yagi, R. et al. (1999) <i>E</i> 5. Dong, J. et al. (2007) <i>C</i> 7. Zhao, B. et al. (2010) <i>C</i> 8. Zhao, B. et al. (2010) <i>C</i> 9. Yu, F.X. et al. (2012) <i>C</i> 9. Yu, F.X. et al. (2010) <i>C</i> 1. Kanai, F. et al. (2000) <i>I</i> 2. Hong, J.H. et al. (2005) 3. Hong, J.H. and Yaffe, N 1. Lei, Q.Y. et al. (2008) <i>N</i> | 9) J Cell Biol 14, M. (2001) J Bio FEBS Lett 369, MBO J 18, 255 Cell 130, 1120-3 Genes Dev 24, 8 Genes Dev 24, 5 Cell 150, 780-91 Genes Dev 24, 5 EMBO J 19, 677) Science 309, 5 M.B. (2006) Cell | 7, 879-90. ol Chem 276, 14514-2 , 67-71. 1-62. 33. 362-74. 2747-61. 72-85. 78-91. 1074-8. I Cycle 5, 176-9. | 3. | |

Species Reactivity

| 1/1/24, 10:55 AM | YAP/TAZ (D24E4) Rabbit mAb (#8418) Datasheet Without Images Cell Signaling Technology | | |
|---------------------------|---|--|--|
| | 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 IP: Immunoprecipitation | | |
| 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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