Source:

UniProt ID:

Entrez-Gene Id:

| e at -20C | p190-A RhoGAP Antibody | T C | Cell Signaling TECHNOLOGY® | |
|-----------|------------------------|----------------------------|--|--|
| Store | | Orders: | 877-616-CELL (2355) orders@cellsignal.com | |
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| For Research Use Only. Not for Use in Diagnostic Procedures. | | | | | | | |
|--|-------------|--------------|-----------|--|--|--|--|
| Applications: | Reactivity: | Sensitivity: | MW (kDa): | | | | |

| WB | H M R Hm | Endogenous | 190 | Rabbit | #Q9NRY4 | 2909 |
|------------------------------|---|--|--|---|---|--|
| Product Usage Information | | olication stern Blotting | | | Dilution 1:1000 | |
| Storage | | olied in 10 mM sodi C. Do not aliquot the | | 5), 150 mM NaCl, 10 | 0 μg/ml BSA and 50% ς | glycerol. Store at – |
| Specificity / Sensit | ivity p190 |)-A RhoGAP Antibo | dy detects endoge | nous levels of total p | 190-A RhoGAP protein | (GRLF1). |
| Source / Purificatio | | | | - | h a synthetic peptide co ified by peptide affinity | |
| Background | and cont GDF pron The tumo cont trans p190 | differentiation, trans rolled primarily thro P for GTP, promoting note GTP hydrolysis p190 RhoGAP prot or suppressor, and aining the gene for scription factor TFII- D-A at Tyr308 reduc | scriptional regulatio ugh guanine nucleo g the active (GTP-b s and the inactive (research studies ha p190-A is linked to -I, sequestering it ir es its affinity for TF | n, and cell adhesior btide exchange facto ound) state, and GT GDP-bound) state (1 pressed Rho family C twe shown that loss tumor development in the cytoplasm and II-I, relieving the inh | uch as cytoskeletal org. /motility. The activities of ors (GEFs) that facilitate 'Pase activating protein 1,2). GAPs. p190-A has been or rearrangement of the (3,4). p190-A binds the inhibiting its activity. Ph ibition (5). p190-A can a ormation and cytokinesi | of these proteins are the exchange of s (GAPs) that characterized as a chromosomal region mitogen-inducible osphorylation of lso inhibit growth |
| | trans incre Leve down | scription factor CRE easing evidence that els of tyrosine phos | EB (8). Cells deficie tt p190 undergoes t phorylation are enh pugh phosphorylatio | nt in p190-B display yrosine phosphoryla anced by Src overe: | and a reduction in activa defective adipogenesis ttion, which activates its xpression (10,11). IGF-I p190-B RhoGAP, thereb | (9). There is GAP domain (9-11). treatment |
| Background Refere | 2. M 3. W 4. Tii 5. Jia 6. W 7. St 8. Sc 9. Sc 10. Cl | eck, J. et al. (2002) oon, S.Y. and Zhen ang, Z. et al. (1996 koo, A. et al. (2000) ang, W. et al. (2005 olf, R.M. et al. (200 J, L. et al. (2003) <i>J</i> ordella, R. et al. (20 ordella, R. et al. (20 nang, J.H. et al. (199 oof, R.W. et al. (199 | g, Y. (2003) Trends) Cell Growth Differ) Gene 257, 23-31.) Mol Cell 17, 23-33 3) Genes Dev 17, 4 Cell Biol 163, 571-8 02) Dev Cell 2, 553 03) Cell 113, 147-5 995) J Cell Biol 130, | Cell Biol 13, 13-22. 7, 123-33. 5. 476-87. 32. 3-65. 8. 355-68. | | |
| Species Reactivity | Spec | ies reactivity is dete | ermined by testing i | n at least one appro | ved application (e.g., we | estern blot). |
| Western Blot Buffe | - | RTANT: For wester Tween® 20 at 4°C | | | d primary antibody in 5 ^c | % w/v BSA, 1X TBS, |
| Applications Key | WB: | Western Blotting | | | | |

| 1/1/24, 6:06 AM Cross-Reactivity Key | p190-A RhoGAP Antibody (#2513) Datasheet Without Images Cell Signaling Technology 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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