| e at -20C | UVRAG (D2Q1Z) Rabbit mAb | | Cell Signaling | | |
|-----------|--------------------------|------------------------|--|--|--|
| Store | | Orders: | 877-616-CELL (2355) orders@cellsignal.com | | |
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| Eor Pesearch Lise Only | y. Not for Use in Diagnostic | Drocedures |
|------------------------|------------------------------|-------------|
| FUI RESEAICII USE UIII | , NULIUI USE III Diagnustic | FIOCEUUIES. |

| Applications: WB, IP | Reactivity: H M | Sensitivity: Endogenous | MW (kDa): 90 | Source/Isotype: Rabbit IgG | UniProt ID: #Q9P2Y5 | Entrez-Gene Id: 7405 |
|---|---|---|---|--|---|---|
| Product Usage Information | V | Application Vestern Blotting mmunoprecipitation | | | Dilution 1:1000 1:50 | |
| Storage | | •• | | 7.5), 150 mM NaCl, 100 not aliquot the antibody | | erol and less than |
| Specificity / Sensitivity | | UVRAG (D2Q1Z) Rabbit mAb recognizes endogenous levels of total UVRAG protein. | | | | |
| Species predicted react based on 100 sequence homolog | 0% | onkey | | | | |
| Source / Purificatio | | onoclonal antibody is p sidues surrounding Gly | | nunizing animals with a s JVRAG protein. | synthetic peptide corre | sponding to |
| Background | co wi rei va ph Mi At as an au | ontents (1,2). It is gener th a number of physiol fection and cancer (3). ferred to as autophagy acuoles called autophagy touoles called autophagy osphoinositide 3-kinas ultiple proteins have be g14, and Rubicon, whi sociated gene) is asso and autophagy, while sup tophagosome maturat | rally activated by ogical processes The molecular r r-related (Atg) ge gosomes that ar se (PI3KC3)/Vps een shown to be ch can determin portiated with the f ppressing prolife ion and endocyt | autophagosomic-lysoso / conditions of nutrient of s including development nachinery of autophagy enes. These proteins are e delivered to lysosome 34 regulates vacuolar tr associated with Vsp34, e Vsp34 function (6-11) Beclin-1/PI3KC3 comple rration (11). Beclin-1 bin ic trafficking (6). UVRAC ed in colon and gastric of | deprivation but has also t, differentiation, neuro was largely discovere e involved in the forma es for degradation. The rafficking as well as au , including: p105/Vsp1 . UVRAG (UV radiation ex and promotes P13K0 dding to UVRAG promo G is also a potential tur | b been associated degeneration, d in yeast and tion of cytoplasmic class III type tophagy (4,5). 5, Beclin-1, UVRAG, n resistance- C3 enzymatic activity ttes both |
| Background Refer | 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. | Codogno, P. and Meije Levine, B. and Yuan, J Corvera, S. (2001) <i>Tra</i> Stack, J.H. et al. (1995 Liang, C. et al. (2008) Matsunaga, K. et al. (2 Zhong, Y. et al. (2009) | er, A.J. (2005) C J. (2005) J Clin I affic 2, 859-66. 5) J Cell Biol 129 Nat Cell Biol 10 2009) Nat Cell B Nat Cell Biol 11 Proc Natl Acad S Mol Biol Cell 1 Nat Cell Biol 8, Oncogene 23, 6 | a), 321-34. b), 776-87. io/ 11, 385-96. ci U S A 105, 19211-6. g), 5360-72. 688-99. 39-45. | I 2, 1509-18. | |

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

| 3/23/24, 10:43 AM Western Blot Buffer | UVRAG (D2Q1Z) Rabbit mAb (#13115) Datasheet Without Images Cell Signaling Technology 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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