



UVRAG Polyclonal Antibody

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| Catalog No | BYab-06790 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | WB;ELISA |
| Gene Name | UVRAG |
| Protein Name | UV radiation resistance-associated gene protein (p63) |
| Immunogen | Synthesized peptide derived from part region of human protein. AA range 655-675 |
| Specificity | UVRAG Polyclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 ELISA 1:5000-20000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | 76kD |
| Cell Pathway | Late endosome . Lysosome . Cytoplasmic vesicle, autophagosome . Early endosome . Endoplasmic reticulum . Midbody . Chromosome, centromere . Colocalizes with RAB9-positive compartments involved in retrograde transport from late endosomes to trans-Golgi network. Colocalization with early endosomes is only partial (PubMed:24056303). Recruited to autophagosome following interaction with RUBCNL/PACER (PubMed:28306502). . |
| Tissue Specificity | Highly expressed in brain, lung, kidney and liver. |
| Function | disease:Disrupted by a Inv(11)(q13.5;q25) inversion in a patient with heterotaxy (left-right axis malformation).,similarity:Contains 1 C2 domain.,tissue specificity:Highly expressed in brain, lung, kidney and liver., |
| Background | This gene complements the ultraviolet sensitivity of xeroderma pigmentosum group C cells and encodes a protein with a C2 domain. The protein activates the Beclin1-PI(3)KC3 complex, promoting autophagy and suppressing the |

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proliferation and tumorigenicity of human colon cancer cells. Chromosomal aberrations involving this gene are associated with left-right axis malformation and mutations in this gene have been associated with colon cancer. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images