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Datasheet for ABIN1449617

## anti-UVRAG antibody (C-Term)

### 3 Images

#### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 0.4 mL  |
| Target:              | UVRAG   |
| Binding Specificity: | AA 670-699, C-Term  |
| Reactivity:          | Human, Mouse  |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This UVRAG antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Enzyme Immunoassay (EIA) |

#### Product Details

|               |   |
|---------------|---|
| Immunogen:    | KLH conjugated synthetic peptide between 670~699 amino acids from the C-term of Human UVRAG |
| Isotype:      | Ig Fraction   |
| Purification: | Saturated Ammonium Sulfate precipitation followed by dialysis against PBS                   |

#### Target Details

|                   |  |
|-------------------|--|
| Target:           | UVRAG  |
| Alternative Name: | UVRAG ( <a href="#">UVRAG Products</a> )   |
| Background:       | UVRAG 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, |

## Target Details

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promoting autophagy and suppressing the 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. Synonyms: UV radiation resistance-associated gene protein, p63

Molecular Weight: 78151 Da

Gene ID: 7405

NCBI Accession: [NP\\_003360](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

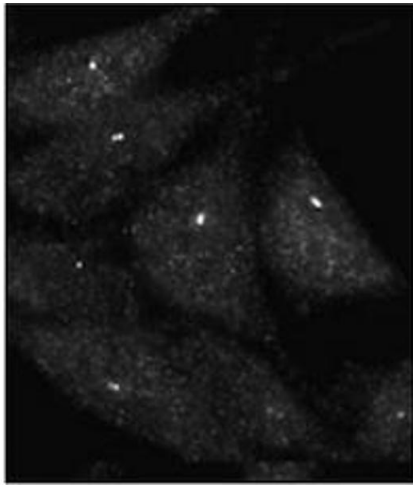
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

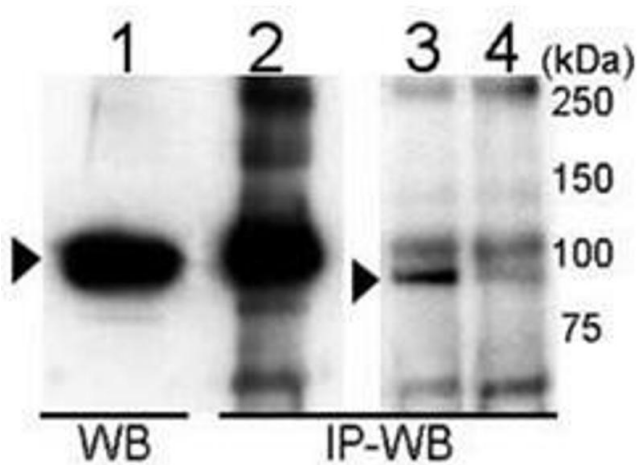
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



### Immunofluorescence

**Image 1. Immunofluorescence** staining of Autophagy UVRAG Antibody on Methanol-fixed HeLa cells. *Data courtesy of Dr. Eeva-Liisa Eskelinen, University of Helsinki, Finland*

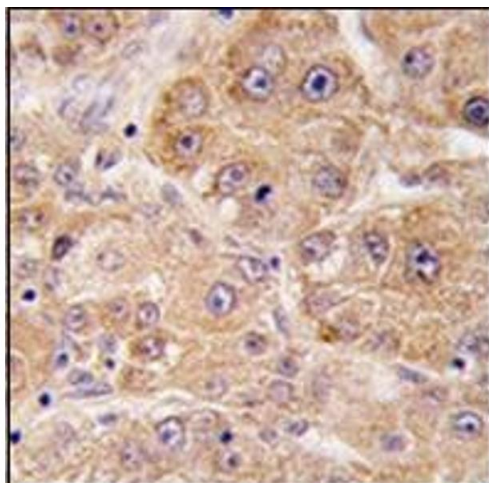


### Immunoprecipitation

**Image 2. Immunoprecipitation and Western blot** analysis of anti-UVRAG Antibody in 293T cells. UVRAG is immunoprecipitated (Lane 2) and detected in 293T cell transiently transfected with Mouse UVRAG (Lane 1). Detection of endogenous UVRAG is shown in 293T cells (Lane 3) but is reduced by UVRAG siRNA transfection (Lane 4). *Data courtesy of Dr. Hong-Gang Wang, Moffitt Cancer Center, Tampa, FL.*

**Western Blot:** Anti-UVRAG Antibody .

**Immunoprecipitation:** Anti-UVRAG Antibody .



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with UVRAG Antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.