

ARG44048 anti-UVRAG antibody

Package: 50 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes UVRAG |
| Tested Reactivity | Hu, Ms |
| Tested Application | IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | UVRAG |
| Species | Human |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 490 - 540 of Human UVRAG. |
| Conjugation | Un-conjugated |
| Alternate Names | VPS38; p63; DHTX; UV radiation resistance-associated gene protein |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-------------|
| | IHC-P | 5 µg/mL |
| | WB | 1 - 2 µg/ml |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

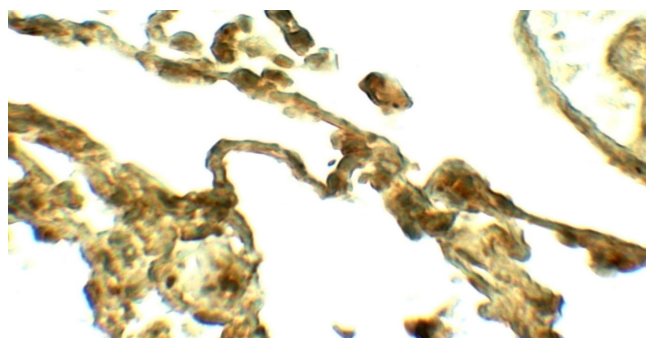
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS and 0.02% sodium azide |
| Preservative | 0.02% sodium azide |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|-----------------------|---|
| Gene Symbol | UVRAG |
| Gene Full Name | UV radiation resistance associated |
| 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 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] |
| Research Area | Cell Biology and Cellular Response antibody; Cell Death antibody; Gene Regulation antibody |
| Calculated Mw | 78 kDa |
| PTM | Phosphorylated at Ser-498 by MTOR under basal conditions; increases the interaction with RUBCN implicated in inhibitory effect of RUBCN on PI3KC3 and decreases interaction with RAB7,A and VPS16 and VPS39 (indicative for a class C Vps complex, possibly the HOPS complex) (PubMed:25533187). |
| Cellular Localization | Late endosome. Lysosome. Early endosome. Note=Colocalizes with RAB9-positive compartments involved in retrograde transport from late endosomes to trans-Golgi network. Colocalization with early endosomes is only partial |

Images



ARG44048 anti-UVRAG antibody IHC-P image

Immunohistochemistry: Human lung stained with ARG44048 anti-UVRAG antibody at 5 µg/ml. dilution.



ARG44048 anti-UVRAG antibody WB image

Western blot: Mouse lung stained with ARG44048 anti-UVRAG antibody at 1 µg/ml dilution.