

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.

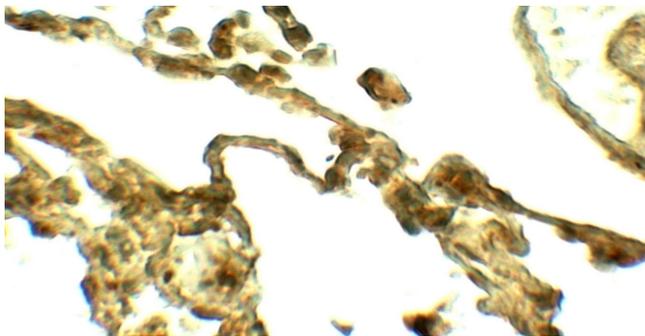
Properties

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

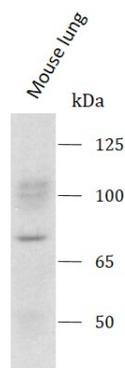
Gene Symbol	UVRAG
Gene Full Name	UV radiation resistance associated
Background	This gene complements the ultraviolet sensitivity of xeroderma pigmentosum group C cells and encodes a protein with a C2 domain. The protein activates the Beclin1-PI(3)KC3 complex, promoting autophagy and suppressing the proliferation 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.