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Datasheet for ABIN6150044
anti-UVRAG antibody (AA 501-699)

4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	UVRAG
Binding Specificity:	AA 501-699
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UVRAG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 501-699 of human UVRAG (NP_003360.2).
Sequence:	KGHRKRASSE NERLQYKTPP PSYNSALAQP VTTVPSMGET ERKITSLSSS LDTSLDFSKE NKKKGEDLVG SLNGGHANVH PSQEQGEALS GHRATVNGTL LPSEQAGSAS VQLPGEFHPV SEAELCCTVE QAEEIIGLEA TGFASGDQLE AFNCIPVDSA VAVECDEQVL GEFEFESRRI YALNENVSSF RRPRRSSDK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	UVRAG
Alternative Name:	UVRAG (UVRAG Products)
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.,UVRAG,DHTX,VPS38,p63,Epigenetics & Nuclear Signaling,DNA Damage & Repair,Cancer,Tumor suppressors,Cell Biology & Developmental Biology,Autophagy,Cardiovascular,Heart,Regulators,UVRAG
Molecular Weight:	35 kDa/78 kDa
Gene ID:	7405
UniProt:	Q9P2Y5

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

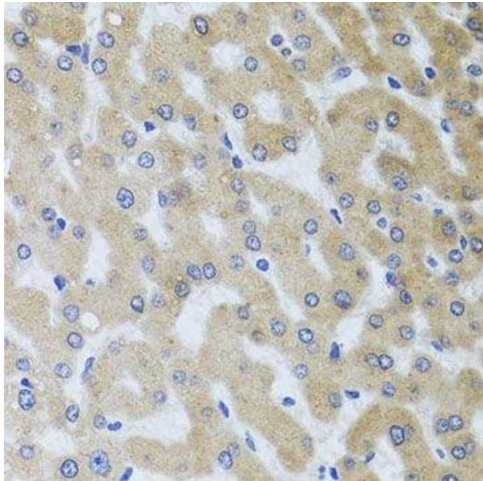
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in:	Zhang, Fu, Xu, Cong, Wu, Zhong, Ma, Lv, Chen, Han, Qian, Chin, Lam, Chiao, Sun: "The
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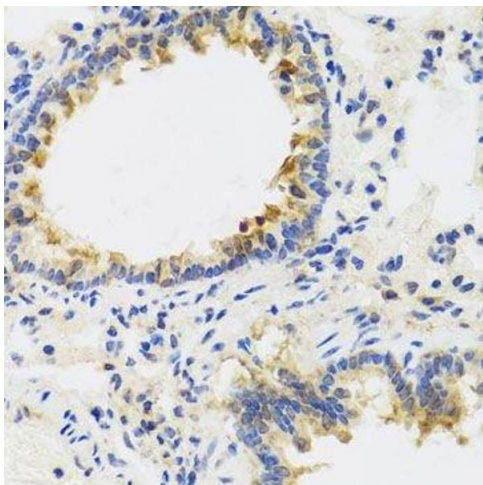
senescence-associated secretory phenotype is potentiated by feedforward regulatory mechanisms involving Zscan4 and TAK1." in: **Nature communications**, Vol. 9, Issue 1, pp. 1723, (2018) ([PubMed](#)).

Images



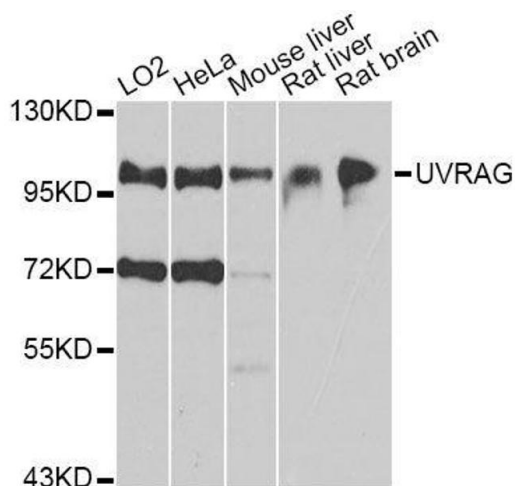
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded human liver injury using UVRAG antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded rat lung using UVRAG antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using UVRAG antibody.

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6150044.