

Rabbit anti-Human, mouse UVRAG Polyclonal Antibody | anti-UVRAG antibody

UVRAG Antibody (L133)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284839	Rabbit	Human, mouse	Western Blot, Immunohistochemistry, ELISA, Immunofluorescence

PRODUCT SYNONYMS

UVRAG; Polyclonal Antibody; UVRAG Antibody (L133); UV radiation resistance-associated gene protein; p63; anti-UVRAG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UVRAG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-152 amino acids from human UVRAG.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	120-152
Sequence Length	327
Applicable Applications for anti-UVRAG antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with hUVRAG (N-term L133), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IF (Immunofluorescence)

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



WB (Western Blot)

Western blot analysis of anti-hUVRAG (Center) Pab (RB10846) in mouse liver tissue lysate.
hUVRAG (Center)(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-UVRAG antibody	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, 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.
Product Categories/Family for anti-UVRAG antibody	Cardiovascular; Cell Biology; Amyotrophic Lateral Sclerosis (ALS)
References	Liang,C., et al. Nat. Cell Biol. 8 (7), 688-699 (2006) Ionov,Y., et al. Oncogene 23 (3), 639-645 (2004) Goi,T., et al. Surg. Today 33 (9), 702-706 (2003) Iida,A., et al. Hum. Genet. 106 (3), 277-287 (2000) Perelman,B., et al. Genomics 41 (3), 397-405 (1997) Bekri,S., et al. Cytogenet. Cell Genet. 79 (1-2), 125-131 (1997) Teitz,T., et al. Gene 87 (2), 295-298 (1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21687212
NCBI GeneID	7405
NCBI Accession #	NP_003360.2
NCBI GenBank Nucleotide #	NM_003369.3
UniProt Accession #	Q9P2Y5; O00392; B3KTC1
Molecular Weight	78151
NCBI Official Full Name	UV radiation resistance-associated gene protein
NCBI Official Synonym Full Names	UV radiation resistance associated
NCBI Official Symbol	UVRAG
NCBI Official Synonym Symbols	p63; DHTX; VPS38
NCBI Protein Information	UV radiation resistance-associated gene protein
UniProt Protein Name	UV radiation resistance-associated gene protein
UniProt Gene Name	UVRAG
UniProt Entry Name	UVRAG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.