

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

UVRAG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40761	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

UVRAG; Polyclonal Antibody; UVRAG Antibody; p63; DHTX; VPS38; UV radiation resistance-associated gene protein; UV radiation resistance associated; anti-UVRAG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	UVRAG antibody is human and mouse reactive.
Purity/Purification	UVRAG antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	699
Applicable Applications for anti-UVRAG antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	UVRAG antibody was raised against an 18 amino acid peptide near the carboxy terminus of human UVRAG.
Buffer	UVRAG antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	UVRAG antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



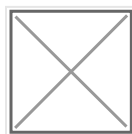
IF (Immunofluorescence)

Immunofluorescence of UVRAG in human lung tissue with UVRAG antibody at 20 μg/ml.



IHC (Immunohistochemistry)

Immunohistochemistry of UVRAG in human lung tissue with UVRAG antibody at 5 μg/ml.



WB (Western Blot)

Western blot analysis of UVRAG in mouse lung tissue lysate with UVRAG antibody at 1 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-UVRAG antibody	The class III type phosphoinositide 3-kinase (PI3KC3) / Vps34 regulates vacuolar trafficking as well as autophagy (1). UVRAG (UV radiation resistance-associated gene) is associated with the Beclin-1/PI3KC3 complex and promotes PI3KC3 enzymatic activity and autophagy, while suppressing proliferation (2). UVRAG is highly expressed in brain, lung, kidney and liver and contains one C2 domain, which is involved in calcium-dependent phospholipid binding. Beclin-1 binding to UVRAG promotes both autophagosome maturation and endocytic trafficking (3). UVRAG is also a potential tumor suppressor protein with frameshift mutations observed in colon and gastric carcinomas (4,5).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21687212
NCBI GeneID	7405
NCBI Accession #	NP_003360
NCBI GenBank Nucleotide #	NM_003369.3
UniProt Accession #	Q9P2Y5; O00392; B3KTC1
Molecular Weight	Predicted: 77 kDa Observed: 75 kDa
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; disrupted in heterotaxy; beclin 1 binding 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uvrag-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40761>