Rabbit UVRAG Polyclonal Antibody | anti-UVRAG antibody

Rabbit Anti-Human UVRAG Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA103866	**Rabbit**	**Human, Mouse, Rat**	**Western Blot**

PRODUCT SYNONYMS

UVRAG; Polyclonal Antibody; Rabbit Anti-Human UVRAG Polyclonal; DHTX Antibody; p63 Antibody; UV radiation resistance associated Antibody; UVRAG_HUMAN Antibody; UVRAG Antibody: ATTO 594; UVRAG Antibody; anti-UVRAG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	699
Applicable Applications for anti-UVRAG antibody	WB (Western Blot)
Immunogen	Synthetic peptide from the mid-protein of human UVRAG
Immunogen Species	Human
COA	A 1:1000 dilution was sufficient for detection of UVRAG on HeLa cell lysates using Goat anti-rabbit IgG:HRP as the secondary antibody.
Storage Buffer	PBS, 50% glycerol, 0.09% sodium azide
Conjugate	ATTO 594
Cellular Localization	Endosome, Lysosome, Endoplasmic reticulum, Nucleus, Chromosome, Centromere
Preparation and Storage	Store at -20 degree C

IMAGES

WB (Western Blot)
Western blot analysis of Rat Liver showing detection of ~100kDa UVRAG protein using Rabbit Anti-UVRAG Polyclonal Antibody (SPC-606). Lane 1: MW Ladder. Lane 2: Rat Liver (20 ug). Load: 20 ug. Block: 5% Skim Milk for 1 hour at RT. Primary Antibody: Rabbit Anti-UVRAG Polyclonal Antibody (SPC-606) at 1:200 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:2000 for 1 hour at RT. Color Development: ECL solution for 6 min at RT. Predicted/Observed Size: ~100kDa.

WB (Western Blot)
Western blot analysis of Human HeLa and HEK293T cell lysates showing detection of ~100kDa UVRAG protein using Rabbit Anti-UVRAG Polyclonal Antibody (SPC-606). Lane 1: MW Ladder. Lane 2: Human HeLa (20 ug). Lane 3: Human 293T (20 ug). Load: 20 ug. Block: 5% Skim Milk for 1 hour at RT. Primary Antibody: Rabbit Anti-UVRAG Polyclonal Antibody (SPC-606) at 1:200 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:2000 for 1 hour at RT. Color Development: ECL solution for 6 min at RT. Predicted/Observed Size: ~100kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-UVRAG antibody	UVRAG (UV radiation resistance-associated gene) is associated with the Beclin-1/PI3KC3 complex and promotes PI3KC3 enzymatic activity and autophagy, while suppressing proliferation (1). Beclin-1 binding to UVRAG promotes both autophagosome maturation and endocytic trafficking (2). UVRAG is also a potential tumor suppressor protein with frameshift mutations observed in colon and gastric carcinomas (3-4). It is highly expressed in the brain, lung, kidney and liver.
Product Categories/Family for anti-UVRAG antibody	Cancer; Cell Signaling; Epigenetics; Cardiovascular System; Heart
References	1. Liang, C. et al. (2008) Nat Cell Biol. 10: 776-87. 2. Liang, C. et al. (2008) Nat Cell Biol. 10: 776-87. 3. Ionov, Y. et al. (2004) Oncogene. 23: 639-45. 4. Kim, M.S. et al. (2008) Hum Pathol. 39: 1059-63.

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	Predicted molecular weight at ~78.1kDa. Observed molecular weights in the 75-90kDa range.
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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/uvrag-antibody-western-blot-elisa/103866