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Datasheet for ABIN388588
anti-UVRAG antibody (AA 120-152)

3 Images

Overview

Quantity:	400 µL
Target:	UVRAG
Binding Specificity:	AA 120-152
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UVRAG antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This UVRAG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-152 amino acids from human UVRAG.
Clone:	RB10846
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	UVRAG
Alternative Name:	UVRAG (UVRAG Products)

Target Details

Background: 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.

Molecular Weight: 78151

Gene ID: 7405

NCBI Accession: [NP_003360](#)

UniProt: [Q9P2Y5](#)

Application Details

Application Notes: IF: Tested. WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

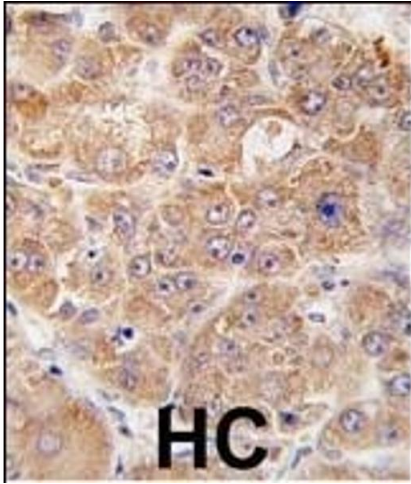
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

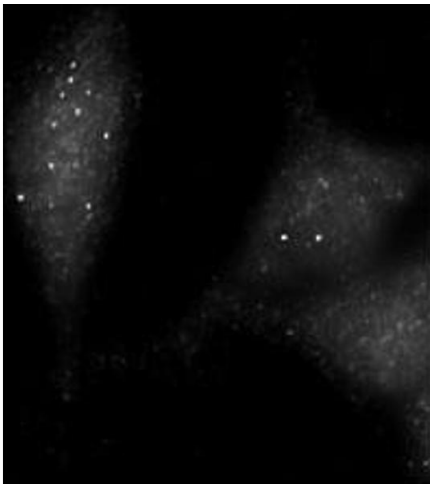
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



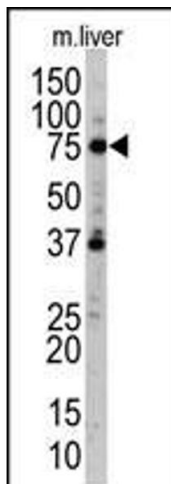
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with hUVRAG (N-term), 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.



Immunofluorescence

Image 2. Immunofluorescence staining of Autophagy UVRAG antibody (ABIN388588 and ABIN2849986) on Methanol-fixed HeLa cells. Data courtesy of Dr. Eeva-Liisa Eskelinen, University of Helsinki, Finland.



Western Blotting

Image 3. Western blot analysis of anti-hUVRAG (Center) Pab (R) in mouse liver tissue lysate. hUVRAG (Center)(arrow) was detected using the purified Pab.