



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-UVRAG Antibody

Rabbit Anti-Human UVRAG Polyclonal  
Catalog No. SPC-606



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

UVRAG Antibody

### Description

Rabbit Anti-Human UVRAG Polyclonal

### Species Reactivity

Human, Mouse, Rat

### Applications

WB, ICC/IF

### Antibody Dilution

WB (1:1000); ICC/IF (1:100); optimal dilutions for assays should be determined by the user.

### Host Species

Rabbit

### Immunogen Species

Human

### Immunogen

Synthetic peptide from the mid-protein of human UVRAG

### Concentration

1 mg/ml

### Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

## Properties

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### Storage Buffer

PBS, 50% glycerol, 0.09% sodium azide

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Purification

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Peptide Affinity Purified

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### Clonality

Polyclonal

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### Specificity

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

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### Cite This Product

Rabbit Anti-Human UVRAG Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-606)

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### Certificate Of Analysis

A 1:1000 dilution of SPC-606 was sufficient for detection of UVRAG on HeLa cell lysates using Goat anti-rabbit IgG:HRP as the secondary antibody.

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## Biological Description

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### Alternative Names

DHTX Antibody, p63 Antibody, UV radiation resistance associated Antibody, UVRAG\_HUMAN Antibody

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### Research Areas

Cancer, Cardiovascular System, Cell Signaling, Epigenetics, Heart

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### Cellular Localization

centromere, Chromosome, Endoplasmic Reticulum, Endosome, Lysosome, Nucleus

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### Accession Number

NP\_003360.2

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### Gene ID

7405

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### Swiss Prot

Q9P2Y5

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### Scientific Background

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.

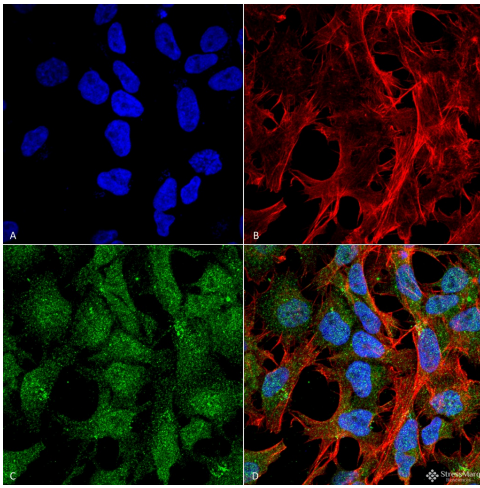
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### References

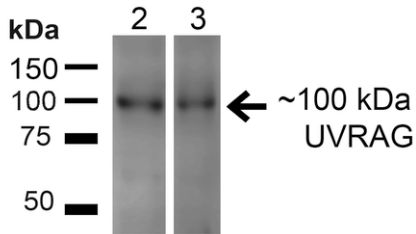
1. Liang, C. et al. (2008) Nat Cell Biol. 10: 776-87.
  2. Liang, C. et al. (2008) Nat Cell Biol. 10: 776-87.
  3. Ionov, Y. et al. (2004) Oncogene. 23: 639-45.
  4. Kim, M.S. et al. (2008) Hum Pathol. 39: 1059-63.
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## Product Images

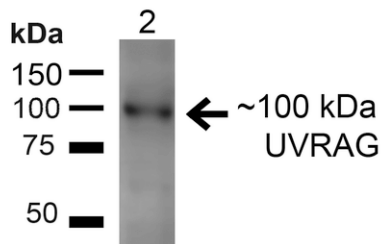
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Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-UVRAG Polyclonal Antibody (SPC-606). Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-UVRAG Polyclonal Antibody (SPC-606) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Late Endosome, Lysosome, Early Endosome. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) UVRAG Antibody (D) Composite.



Western blot analysis of Human HeLa\_293T showing detection of ~100kDa UVRAG protein using Rabbit Anti-UVRAG Polyclonal Antibody (SPC-606). Lane 1: MW Ladder. Lane 2: Human HeLa (20 µg). Lane 3: Human 293T (20 µg). Load: 20 µg. 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.



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 µg). Load: 20 µg. 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.

## Product Citations (0)

Currently there are no citations for this product.

## Reviews

There are no reviews yet.