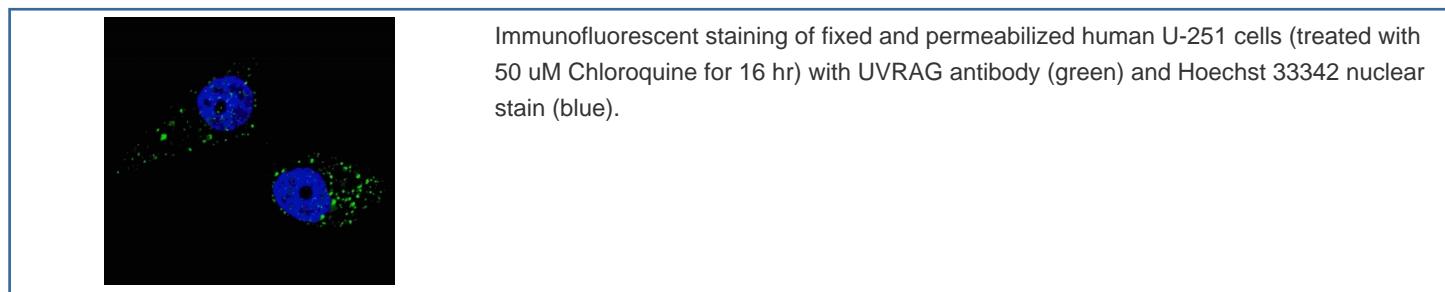
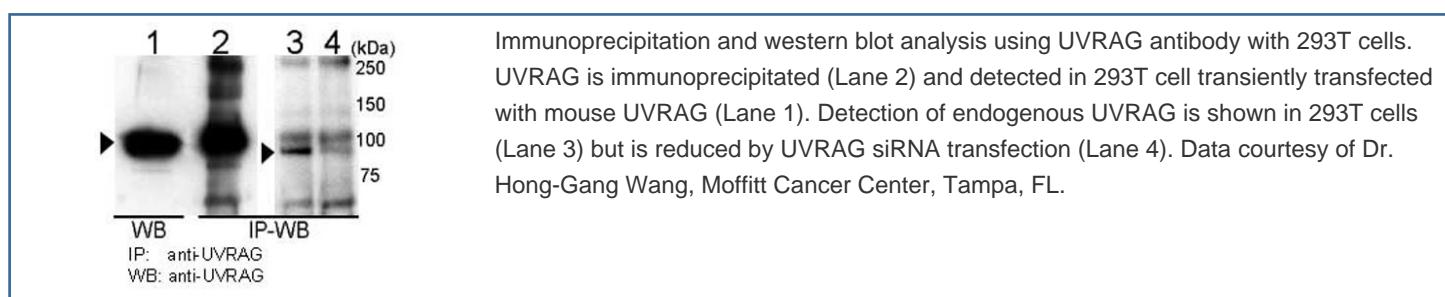


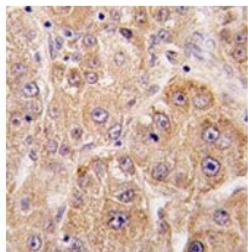
## UVRAG Antibody (F54723)

Catalog No.	Formulation	Size
F54723-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54723-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	Q9P2Y5
<b>Applications</b>	Immunofluorescence : 1:25 Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
<b>Limitations</b>	This UVRAG antibody is available for research use only.





IHC testing of FFPE human hepatocarcinoma tissue with UVRAg antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

## Description

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.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the UVRAg antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 666-699 from the human protein was used as the immunogen for the UVRAg antibody.

## Storage

Aliquot the UVRAg antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.