

A7244

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# UIMC1 Rabbit pAb

Catalog No.: A7244 **1 Publications**

## Basic Information

### Observed MW

120kDa/100kDa

### Calculated MW

80kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

This gene encodes a nuclear protein that interacts with Brca1 (breast cancer 1) in a complex to recognize and repair DNA lesions. This protein binds ubiquitinated lysine 63 of histone H2A and H2AX. This protein may also function as a repressor of transcription. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:100

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

51720

### Swiss Prot

Q96RL1

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

RAP80; X2HRIP110; UIMC1

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

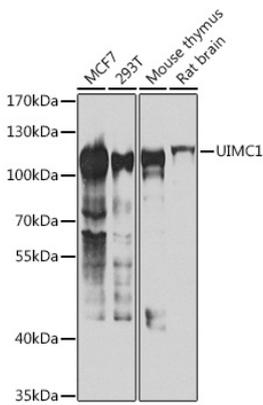
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of various lysates using UIMC1 Rabbit pAb (A7244) at 1:1000 dilution.

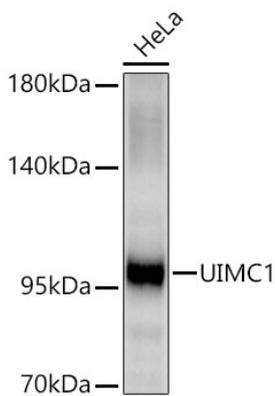
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Western blot analysis of lysates from HeLa cells using UIMC1 Rabbit pAb (A7244) at 1:3000 dilution incubated overnight at 4°C.

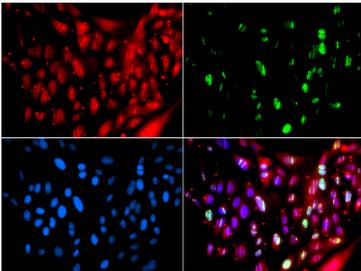
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020)

Exposure time: 60 s.



Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using UIMC1 Rabbit pAb (A7244).

Green : GFP-RNF168 fusion protein expression for DNA damage

marker.Secondary antibody: Cy3-

conjugated Goat anti-Rabbit IgG

(H+L) (AS007) at 1:500 dilution. Blue:

DAPI for nuclear

staining.RNF168(GFP) can be used to

mark cells damaged by UV-A laser

for they always gather around DNA

damage region.