

## Rabbit anti-Human UIMC1 Polyclonal Antibody | anti-UIMC1 antibody

UIMC1 Polyclonal Antibody

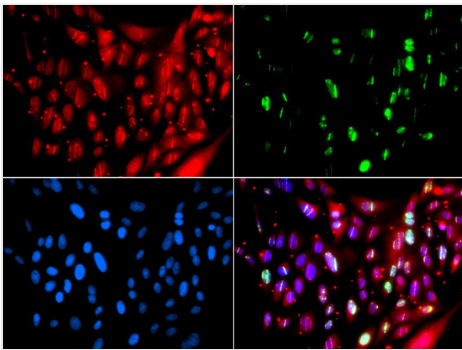
|                              |                       |                            |                                                         |
|------------------------------|-----------------------|----------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA37610</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|------------------------------|-----------------------|----------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

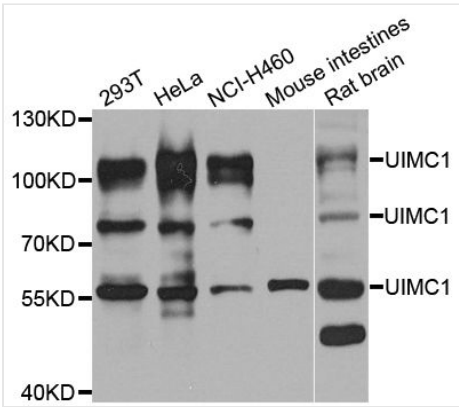
UIMC1; Polyclonal Antibody; UIMC1 Polyclonal Antibody; RAP80: RAP80; X2HRIP110; anti-UIMC1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Isotype                                         | IgG                                                                                                                                                   |
| Purity/Purification                             | Affinity Purification                                                                                                                                 |
| Form/Format                                     | PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.                                                                                                     |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                 | 719                                                                                                                                                   |
| Applicable Applications for anti-UIMC1 antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                            |
| Species                                         | Human                                                                                                                                                 |
| Immunogen                                       | Recombinant Protein                                                                                                                                   |
| Immunogen                                       | Recombinant protein of human UIMC1                                                                                                                    |
| Calculated Molecular Weight                     | 79kDa                                                                                                                                                 |
| Preparation and Storage                         | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |



**IF (Immunofluorescence)**  
Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using UIMC1 antibody. Green:GFP-RNF168 fusion protein expression for DNA damage marker.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.



**WB (Western Blot)**  
Western blot analysis of extracts of various cell lines, using UIMC1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 30s.

ADDITIONAL INFORMATION

|                                                   |            |
|---------------------------------------------------|------------|
| Product Categories/Family for anti-UIMC1 antibody | Polyclonal |
|---------------------------------------------------|------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 60390957                                                                                                                                                                                                                              |
| NCBI GeneID                      | 51720                                                                                                                                                                                                                                 |
| UniProt Accession #              | Q96RL1; Q5XKQ1; Q7Z3W7; Q8N5B9; Q9BZR1; Q9BZR5; Q9UHX7; A8MSA1; B3KMZ1; B4E3N2                                                                                                                                                        |
| Molecular Weight                 | 719                                                                                                                                                                                                                                   |
| NCBI Official Full Name          | BRCA1-A complex subunit RAP80                                                                                                                                                                                                         |
| NCBI Official Synonym Full Names | ubiquitin interaction motif containing 1                                                                                                                                                                                              |
| NCBI Official Symbol             | UIMC1                                                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | RAP80; X2HRIP110                                                                                                                                                                                                                      |
| NCBI Protein Information         | BRCA1-A complex subunit RAP80; receptor associated protein 80; receptor-associated protein 80; retinoid x receptor interacting protein; retinoid X receptor-interacting protein 110; ubiquitin interaction motif-containing protein 1 |
| UniProt Protein Name             | BRCA1-A complex subunit RAP80                                                                                                                                                                                                         |
| UniProt Gene Name                | UIMC1                                                                                                                                                                                                                                 |
| UniProt Synonym Gene Names       | RAP80; RXRIP110                                                                                                                                                                                                                       |
| UniProt Entry Name               | UIMC1_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.