

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

UIMC1 antibody

CATALOG # AAA306675	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	----------------------------	---

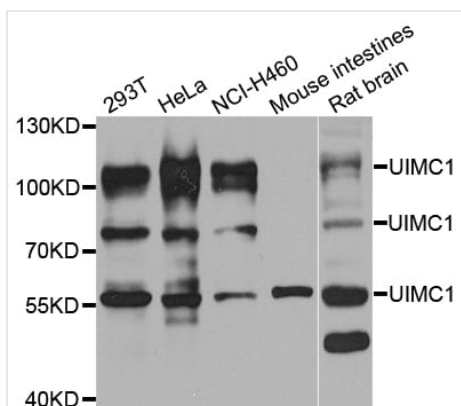
PRODUCT SYNONYMS

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

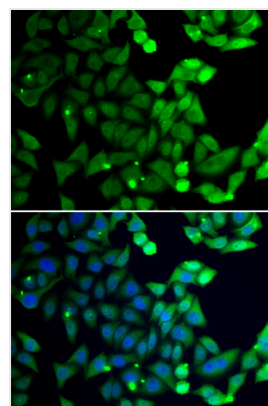
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total UIMC1 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	719
Applicable Applications for anti-UIMC1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human UIMC1.
Target Name	UIMC1
Preparation and Storage	Store at -20 degree C

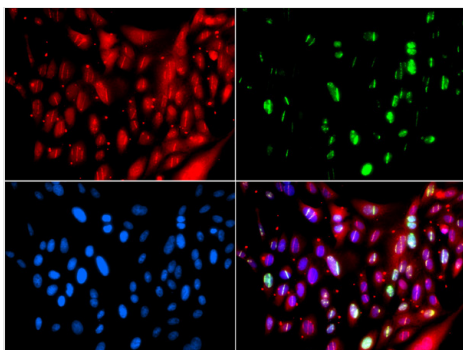
IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using UIMC1 antibody.


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using UIMC1 antibody. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cell using UIMC1 antibody. Green degree 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.

ADDITIONAL INFORMATION

Related Product Information for anti-UIMC1 antibody	Ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. Plays a central role in the BRCA1-A complex by specifically binding 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs). The BRCA1-A complex also possesses deubiquitinase activity that specifically removes 'Lys-63'-linked ubiquitin on histones H2A and H2AX.
Product Categories/Family for anti-UIMC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	313151224
NCBI GeneID	51720
NCBI Accession #	NP_001186226.1
NCBI GenBank Nucleotide #	NM_001199297.1
UniProt Accession #	Q96RL1 ; Q5XKQ1 ; Q7Z3W7 ; Q8N5B9 ; Q9BZR1 ; Q9BZR5 ; Q9UHX7 ; A8MSA1 ; B3KMZ1 ; B4E3N2
Molecular Weight	17,412 Da
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/uimc1-antibody-immunofluorescence-western-blot-elisa/306675>