

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

UIMC1 Antibody - middle region

CATALOG # AAA201535	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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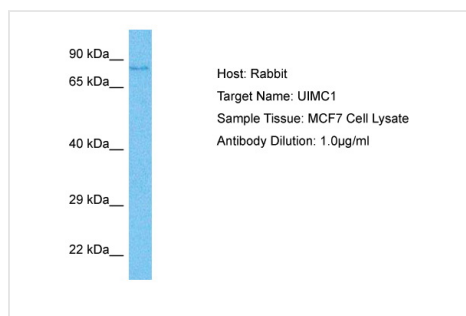
PRODUCT SYNONYMS

UIMC1; Polyclonal Antibody; UIMC1 Antibody - middle region; anti-UIMC1 antibody

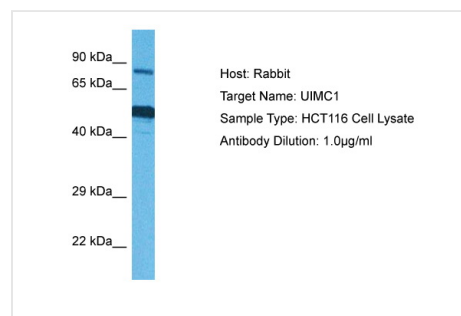
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GE QASEKNECIS EDMGDEKKEE RQESRASDWH SKTKDFQESS IKSLKEKL
Sequence Length	719
Applicable Applications for anti-UIMC1 antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human UIMC1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

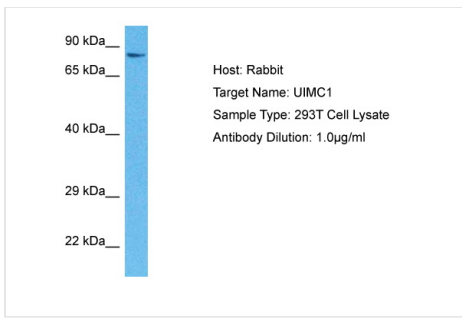
IMAGES


WB (Western Blot)

Host: RabbitTarget Name: UIMC1Sample Type: MCF7 Whole Cell lysatesAntibody Dilution: 1.0ug/ml


WB (Western Blot)

Host: RabbitTarget Name: UIMC1Sample Tissue: Human HCT116 Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)

Host: Rabbit
Target Name: UIMC1
Sample Tissue: Human 293T Whole Cell
Antibody Dilution: 1µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-UIMC1 antibody	This is a rabbit polyclonal antibody against UIMC1. It was validated on Western Blot Target Description: UIMC1 is a ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. It 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. It also weakly binds monoubiquitin but with much less affinity than 'Lys-63'-linked ubiquitin. It may interact with monoubiquitinated histones H2A and H2B; the relevance of such results is however unclear in vivo. Does not bind Lys-48'-linked ubiquitin. And it may indirectly act as a transcriptional repressor by inhibiting the interaction of NR6A1 with the corepressor NCOR1.
Product Categories/Family for anti-UIMC1 antibody	Polyclonal; Transcription Factor; Chromatin & Nuclear Signaling; DNA Damage & Repair; E3 & Ubiquitin

NCBI AND UNIPROT INFORMATION

NCBI GI #	60390957
NCBI GeneID	51720
UniProt Accession #	Q96RL1
Molecular Weight	79kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uimc1-antibody-western-blot-elisa/201535>