

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

UIMC1 Antibody (C-term)

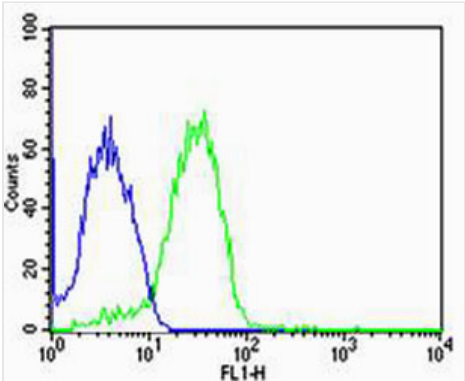
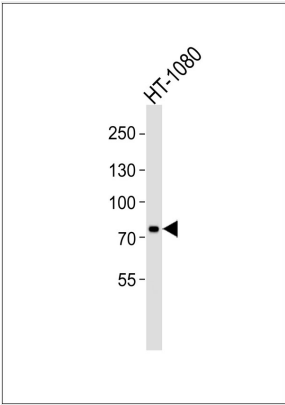
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284882	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

UIMC1; Polyclonal Antibody; UIMC1 Antibody (C-term); BRCA1-A complex subunit RAP80; Receptor-associated protein 80; Retinoid X receptor-interacting protein 110; Ubiquitin interaction motif-containing protein 1; RAP80; RXRIP110; anti-UIMC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UIMC1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 567-601 amino acids from the C-terminal region of human UIMC1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.36 (varies by lot)
Sequence Length	152
Applicable Applications for anti-UIMC1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of MCF-7 cells using UIMC1 Antibody (C-term)(green) compared to an isotype control of rabbit IgG(blue). AAA284882 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

WB (Western Blot)
Western blot analysis of lysate from HT-1080 cell line, using UIMC1 Antibody (C-term). AAA284882 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

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. Also weakly binds monoubiquitin but with much less affinity than 'Lys-63'-linked ubiquitin. 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. May indirectly act as a transcriptional repressor by inhibiting the interaction of NR6A1 with the corepressor NCOR1.
Product Categories/Family for anti-UIMC1 antibody	Crown Antibodies
References	Yan Z.,et al.J. Biol. Chem. 277:32379-32388(2002). Peng Y.,et al.Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases. Xu X.,et al.Submitted (JUL-2000) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Bechtel S.,et al.BMC Genomics 8:399-399(2007).

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	79727
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-flow-cytometry-western-blot-elisa/284882>