

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

UIMC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234167	Rabbit	Human, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

UIMC1; Polyclonal Antibody; UIMC1 Antibody; 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, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	719
Applicable Applications for anti-UIMC1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human BRCA1-A complex subunit RAP80 protein (161-235AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234167 diluted at 1:500 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: HepG2 whole cell lysate, A549 whole cell lysate, Rat kidney tissue
All lanes: UIMC1 antibody at 3ug/ml
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 80, 62, 71, 39, 18 KDa
Observed band size: 80 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-UIMC1 antibody	Ubiquitin-binding protein (PubMed:24627472). Specifically recognizes and binds 'Lys-63'-linked ubiquitin (PubMed:19328070, Ref.36). 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	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	313151224
NCBI GeneID	51720
NCBI Accession #	NP_001186226.1
NCBI GenBank Nucleotide #	NM_001199297.2
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 isoform 1
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

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-immunohistochemistry-western-blot-elisa/234167>