

**Product Name: RAP80 Rabbit Monoclonal Antibody****Catalog #: AMRe03180**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.54mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 80 kDa; Observed MW: 80 kDa

**Antigen Information**

<b>Gene Name</b>	UIMC1
<b>Alternative Names</b>	RAP80; X2HRIP110
<b>Gene ID</b>	51720
<b>SwissProt ID</b>	Q96RL1
<b>Immunogen</b>	A synthetic peptide of human RAP80

**Background**

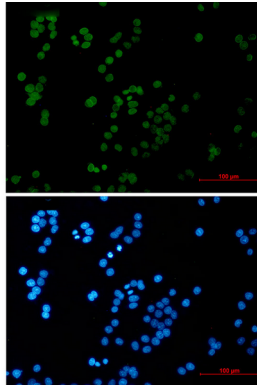
Ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. Plays a central role in the BRCA1-A complex by specifically binding 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the

BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs).

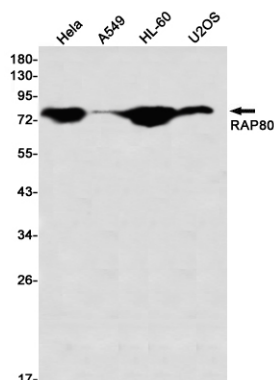
## Research Area

Epigenetics and Nuclear Signaling

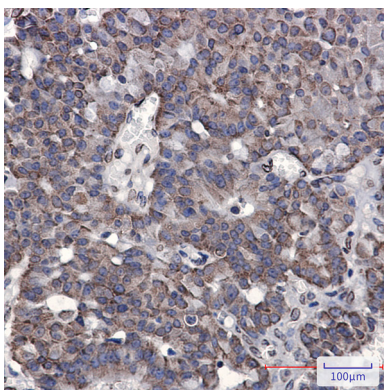
## Image Data



Immunocytochemistry analysis of RAP80 (green) in HeLa using RAP80 antibody, and DAPI (blue).



Western blot analysis of RAP80 in HeLa, A549, HL-60, U2OS lysates using RAP80 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using RAP80 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.