

Summary

Production Name	RAP80 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	UIMC1
Alternative Names	RAP80; X2HRIP110
Gene ID	51720
SwissProt ID	Q96RL1

Application

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

Background

Product Name: RAP80 Rabbit Monoclonal Antibody
Catalog #: AMRe03180

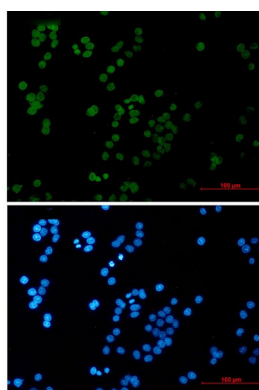


Ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. Plays a central role in the BRCA1-A complex by specifically binding 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs).

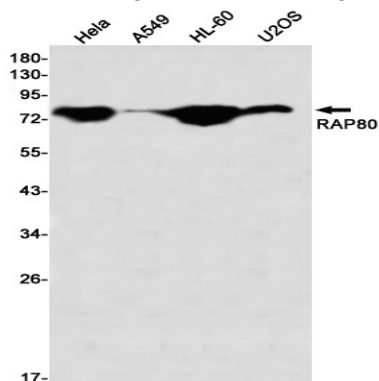
Research Area

Epigenetics and Nuclear Signaling

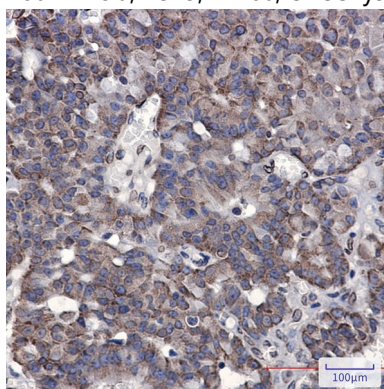
Image Data



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

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temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.