
Product Name: RAP80 Rabbit Polyclonal Antibody**Catalog #: APRab00256**

For research use only.

Summary

| | |
|----------------------|--|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Purification | Affinity Chromatography |

Application

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

Antigen Information

| | |
|--------------------------|------------------------------------|
| Gene Name | UIMC1 |
| Alternative Names | RAP80; X2HRIP110 |
| Gene ID | 51720 |
| SwissProt ID | Q96RL1 |
| Immunogen | A synthetic peptide of human RAP80 |

Background

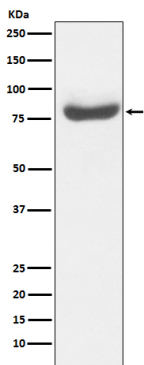
Ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. Plays a central role in the BRCA1-A complex by specifically binding 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the

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

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of RAP80 in 293T lysates using RAP80 antibody.