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| <b>Product name:</b>     | RAP80 Rabbit Polyclonal Antibody   |
| <b>Cat number:</b>       | ABN00256   |
| <b>Conjugate:</b>        | Unconjugated   |
| <b>Size:</b>             | 100µL  |
| <b>Clone:</b>            | Polyclonal   |
| <b>Concentration:</b>    | 1mg/ml   |
| <b>Host:</b>             | Rabbit   |
| <b>Isotype:</b>          | IgG  |
| <b>Immunogen:</b>        | A synthetic peptide of human RAP80   |
| <b>Reactivity:</b>       | Human  |
| <b>Applications:</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   |
| <b>Purification:</b>     | Affinity Chromatography  |
| <b>Form:</b>             | Liquid   |
| <b>Buffer:</b>           | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.   |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.   |
| <b>Background:</b>       | 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). |