

RAP80 Rabbit mAb
Catalog # AP76688**Specification**

RAP80 Rabbit mAb - Product Information

Application	WB, IHC, IF
Primary Accession	Q96RL1
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	79727

RAP80 Rabbit mAb - Additional Information

Gene ID 51720

Other Names

UIMC1

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

IF~~1/50-1/200

Format

Liquid

RAP80 Rabbit mAb - Protein Information

Name UIMC1

Synonyms RAP80, RXRIP110

Function

Ubiquitin-binding protein (PubMed:24627472). Specifically recognizes and binds 'Lys-63'-linked ubiquitin (PubMed:19328070, Ref.38). 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.

Cellular Location

Nucleus. Note=Localizes at sites of DNA damage at double-strand breaks (DSBs)

Tissue Location

Expressed in testis, ovary, thymus and heart. Expressed in germ cells of the testis.

RAP80 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RAP80 Rabbit mAb - Images

