

anti- UIMC1 antibody

Product Information

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| Catalog No.: | FNab09247 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

Ubiquitin-binding protein(PubMed:24627472). Specifically recognizes and binds 'Lys-63'-linked ubiquitin(PubMed:19328070, Ref.36). 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.

Immunogen information

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| Immunogen: | ubiquitin interaction motif containing 1 |
| Synonyms: | BRCA1 A complex subunit RAP80, RAP80, Receptor associated protein 80, RXRIP110, UIMC1, X2HRIP110 |
| Observed MW: | 97 kDa,80 kDa,71-75 kDa,61 kDa |
| UniprotID : | Q96RL1 |

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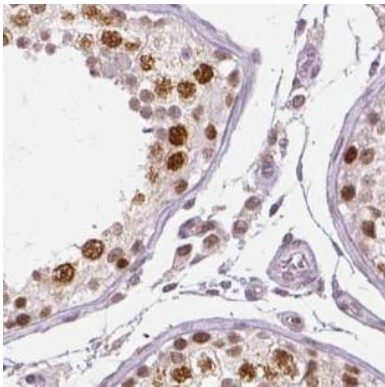
Application

Reactivity: Human, Mouse

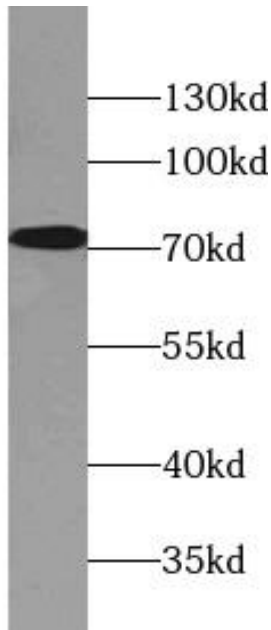
Tested Application: ELISA, WB, IF, IHC,IF

Recommended dilution: WB: 1:200-1:1000; IP: 1: 200-1: 2000; IHC: 1: 20-1: 200; IF: 1: 10-1: 100

Image:



Immunohistochemistry of paraffin-embedded human testis tissue slide using FNab09247(UIMC1 Antibody) at dilution of 1:50



mouse colon tissue were subjected to SDS PAGE followed by western blot with FNab09247(UIMC1 antibody) at dilution of 1:300

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