

## anti- BAP1 antibody

### Product Information

Catalog No.:	FNab00800
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

Deubiquitinating enzyme that plays a key role in chromatin by mediating deubiquitination of histone H2A and HCFC1. Catalytic component of the PR-DUB complex, a complex that specifically mediates deubiquitination of histone H2A monoubiquitinated at 'Lys-119'(H2AK119ub1). Does not deubiquitinate monoubiquitinated histone H2B. Acts as a regulator of cell growth by mediating deubiquitination of HCFC1 N-terminal and C-terminal chains, with some specificity toward 'Lys-48'-linked polyubiquitin chains compared to 'Lys-63'-linked polyubiquitin chains. Deubiquitination of HCFC1 does not lead to increase stability of HCFC1. Interferes with the BRCA1 and BARD1 heterodimer activity by inhibiting their ability to mediate ubiquitination and autoubiquitination. It however does not mediate deubiquitination of BRCA1 and BARD1. Able to mediate autodeubiquitination via intramolecular interactions to counteract monoubiquitination at the nuclear localization signal(NLS), thereby protecting it from cytoplasmic sequestration(PubMed:24703950). Acts as a tumor suppressor.

### Immunogen information

Immunogen:	BRCA1 associated protein-1(ubiquitin carboxy-terminal hydrolase)
Synonyms:	BAP1, BRCA1 associated protein 1, Cerebral protein 6, HUCEP 13, hucep 6, KIAA0272, UCHL2
Observed MW:	91 kDa

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Uniprot ID : Q92560

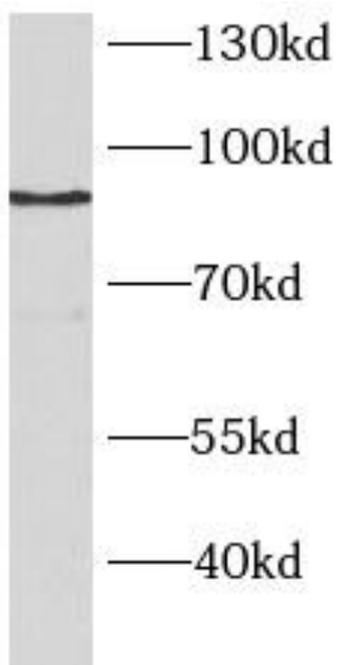
### Application

Reactivity: Human, Mouse

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:1000

Image:



A2780 cells were subjected to SDS PAGE followed by western blot with FNab00800(BAP1 antibody) at dilution of 1:300

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