# Rabbit BAP1 Polyclonal Antibody | anti-BAP1 antibody

BAP1 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA328608** | **Rabbit** | **Human, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus** | **ELISA, Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

BAP1; Polyclonal Antibody; BAP1 Antibody; BAP 1; Bap1; BAP1_HUMAN; BRCA 1 associated protein 1; BRCA1 associated protein 1; BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase); BRCA1-associated protein 1; Cerebral protein 13; Cerebral protein 6; DKFZp686N04275; FLJ35406; FLJ37180; HUCEP 13; Hucep 6; HUCEP13; Hucep6; KIAA0272; TPDS; Ubiquitin carboxy terminal hydrolase; Ubiquitin carboxyl terminal hydrolase BAP 1; Ubiquitin carboxyl terminal hydrolase BAP1; Ubiquitin carboxyl-terminal hydrolase BAP1; UCHL2; anti-BAP1 antibody

## PRODUCT SPECIFICATIONS

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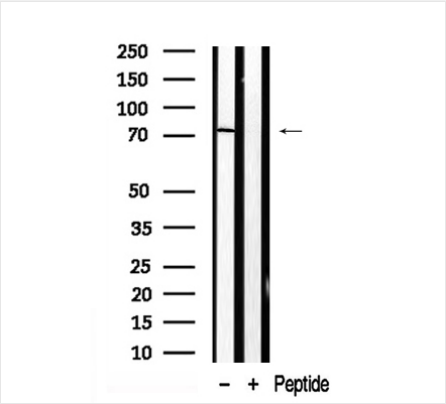
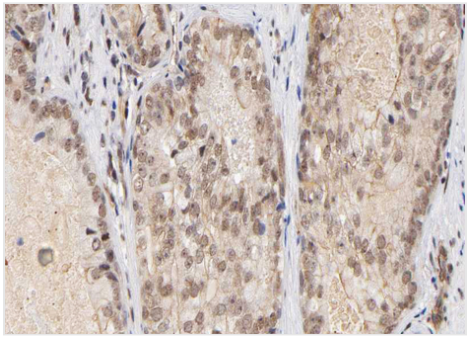
| **Host** | Rabbit |
| **Reactivity** | Human, Rat<br>Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Specificity** | BAP1 Antibody detects endogenous levels of BAP1. |
| **Purity/Purification** | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific). |
| **Form/Format** | Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Concentration** | 1mg/ml (varies by lot) |
| **Sequence Length** | 729 |
| **Applicable Applications for anti-BAP1 antibody** | ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | A synthesized peptide derived from human BAP1. |
| **Tissue Specificity** | Highly expressed in testis, placenta and ovary. Expressed in breast. |
| **Subcellular Location** | Nucleus |
| **Preparation and Storage** | Store at -20 degree C. Stable for 12 months from date of receipt. |

## IMAGES




**WB (Western Blot)**
Western blot analysis of extracts of Rat ovarian tissue sample,using BAP1 Antibody.



**IHC (Immunohistochemistry)**
At 1/100 staining human Prostate carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-BAP1 antibody** | Description: 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 couteract monoubiquitination at the nuclear localization signal (NLS), thereby protecting it from cytoplasmic sequestration (PubMed:24703950). Acts as a tumor suppressor.<br><br>Post Translational Modifications: Ubiquitinated: monoubiquitinated at multiple site of its nuclear localization signal (NLS) BY UBE2O, leading to cytoplasmic retention. Able to mediate autodeubiquitination via intramolecular interactions to couteract cytoplasmic retention.<br><br>Subunit Structure: Component of the PR-DUB complex, at least composed of BAP1 and ASXL1. Interacts with BRCA1 (via the RING finger). Interacts (via HBM-like motif) with HCFC1.<br><br>Similarity: Belongs to the peptidase C12 family. BAP1 subfamily. |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 68565074 |
| **NCBI GeneID** | 8314 |
| **UniProt Accession #** | Q92560 |
| **Molecular Weight** | Observed: 80 kDa<br>Predicted: 81 kDa |
| **NCBI Official Full Name** | Ubiquitin carboxyl-terminal hydrolase BAP1 |
| **NCBI Official Synonym Full Names** | BRCA1 associated protein 1 |
| **NCBI Official Symbol** | BAP1 |
| **NCBI Official Synonym Symbols** | UCHL2; hucep-6; HUCEP-13 |
| **NCBI Protein Information** | ubiquitin carboxyl-terminal hydrolase BAP1 |
| **UniProt Protein Name** | Ubiquitin carboxyl-terminal hydrolase BAP1 |

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| **UniProt Gene Name** | **BAP1** |
| **UniProt Synonym Gene Names** | KIAA0272 |
| **UniProt Entry Name** | BAP1_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/bap1-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328608