

## Rabbit BAP1 Polyclonal Antibody | anti-BAP1 antibody

BAP1 Antibody (N-term)

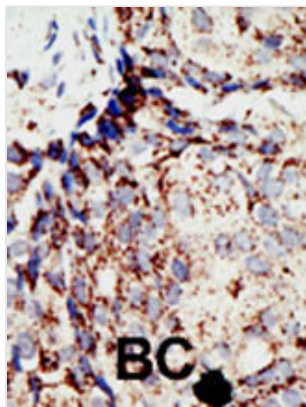
| CATALOG # | HOST   | REACTIVITY                                                  | APPLICATIONS                              |
|-----------|--------|-------------------------------------------------------------|-------------------------------------------|
| AAA290381 | Rabbit | Human, mouse (Predicted Reactivity: Bovine, Zebrafish, Rat) | Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

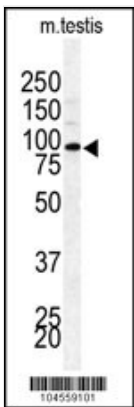
BAP1; Polyclonal Antibody; BAP1 Antibody (N-term); Ubiquitin carboxyl-terminal hydrolase BAP1; BRCA1-associated protein 1; Cerebral protein 6; KIAA0272; anti-BAP1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                    |
| Reactivity                                     | Human, mouse (Predicted Reactivity: Bovine, Zebrafish, Rat)                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                                                                |
| Isotype                                        | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                    | This BAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-66 amino acids from the N-terminal region of human BAP1.                        |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                  | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                             | 36-66                                                                                                                                                                                     |
| Sequence Length                                | 729                                                                                                                                                                                       |
| Applicable Applications for anti-BAP1 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                      |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                 | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |



**IHC (Immunohiostchemistry)**  
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



**WB (Western Blot)**  
Western blot analysis of BAP1 Antibody (N-term) in mouse testis lysates (35ug/lane). BAP1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BAP1 antibody | 'BRCA1-associated protein-1,' or BAP1 interacts with the RING finger domain of BRCA1. The N-terminal 240 amino acids of the predicted 729-amino acid human protein show homology to ubiquitin C-terminal hydrolases (UCHs), thiol proteases that catalyze proteolytic processing of ubiquitin. In addition, BAP1 contains an acidic region, a highly charged C-terminal region, and 2 putative nuclear localization signals.. BAP1 and BRCA1 associate in vivo and have overlapping subnuclear localization patterns.1 BAP1 enhances BRCA1-mediated inhibition of breast cancer cell growth. Northern blot analysis indicates that BAP1 is expressed as a 4-kb mRNA in all human tissues tested, with A 4.8-kb transcript expressed exclusively in testis. Northern blot analysis and in situ hybridization reveal that BAP1 and BRCA1 are coexpressed during murine breast development and remodeling. The BAP1 gene has been mapped to 3p21.3, a region of loss of heterozygosity for breast cancer as well as frequently deleted in lung carcinomas.1 Intragenic homozygous rearrangements and deletions of BAP1 appear in lung carcinoma cell lines. It has been postulated that BAP1 is a tumor suppressor gene that functions in the BRCA1 growth control pathway.1 |
| Product Categories/Family for anti-BAP1 antibody   | Cancer; Cell biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI GI #                        | 4757836                                                           |
| NCBI GeneID                      | 8314                                                              |
| NCBI Accession #                 | NP_004647.1                                                       |
| NCBI GenBank Nucleotide #        | NM_004656.3                                                       |
| UniProt Accession #              | Q92560; Q6LEM0; Q7Z5E8; A8K993                                    |
| Molecular Weight                 | 80362                                                             |
| NCBI Official Full Name          | ubiquitin carboxyl-terminal hydrolase BAP1                        |
| NCBI Official Synonym Full Names | BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase) |
| NCBI Official Symbol             | BAP1                                                              |
| NCBI Official Synonym Symbols    | UHL2; hucep-6; HUCEP-13                                           |
| NCBI Protein Information         | ubiquitin carboxyl-terminal hydrolase BAP1                        |
| UniProt Protein Name             | Ubiquitin carboxyl-terminal hydrolase BAP1                        |
| 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://stage.aaabiotech.com/polyclonal/bap1-antibody-immunohistochemistry-western-blot-elisa/290381>