

Rabbit anti-Human BAP1 Polyclonal Antibody | anti-BAP1 antibody

Anti-BAP1 Antibody Picoband

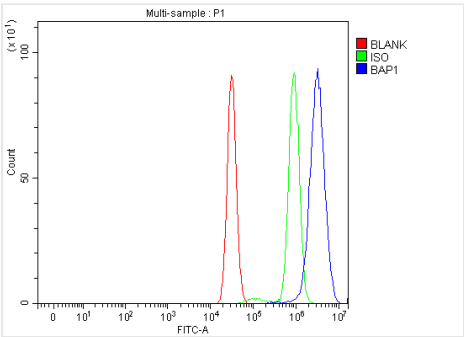
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126011	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

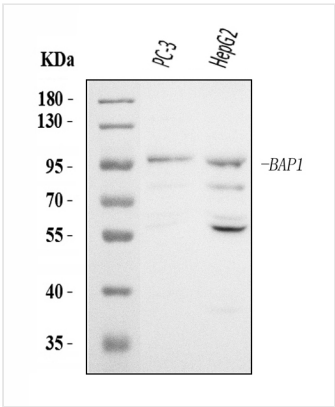
BAP1; Polyclonal Antibody; Anti-BAP1 Antibody Picoband; anti-BAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-BAP1 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human BAP1 recombinant protein (Position: E7-Q702).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)
Figure 2. Flow Cytometry analysis of MCF-7 cells using anti-BAP1 antibody (AAA126011).Overlay histogram showing MCF-7 cells stained with AAA126011 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-BAP1 Antibody (AAA126011, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)
Figure 1. Western blot analysis of BAP1 using anti-BAP1 antibody (AAA126011).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human PC-3 whole cell lysates,Lane 2: human HepG2 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BAP1 antigen affinity purified polyclonal antibody (#AAA126011) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for BAP1 at approximately 95 kDa. The expected band size for BAP1 is at 80 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-BAP1 antibody	BAP1, also known as BRCA1-associated protein-1, contains an acidic region, a highly charged C-terminal region, and 2 putative nuclear localization signals. BAP1 is a novel ubiquitin hydrolase which binds to the BRCA1 RING finger and enhances BRCA1-mediated cell growth suppression. BAP1 is expressed as a 4-kb mRNA in all human tissues, and mapped to 3p21.3.
Product Categories/Family for anti-BAP1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	68565074
NCBI GeneID	8314
UniProt Accession #	Q92560; Q6LEM0; Q7Z5E8; A8K993
Molecular Weight	729
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	UCHL2; hucep-6; HUCEP-13
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase BAP1; cerebral protein 6; cerebral protein-13
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase BAP1
UniProt Gene Name	BAP1
UniProt Synonym Gene Names	KIAA0272

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-flow-cytometry-western-blot-elisa/126011>