

Mouse BAP1 (BRCA1 Associated Protein 1) Monoclonal Antibody | anti-BAP1 antibody

BAP1 (BRCA1 Associated Protein 1)

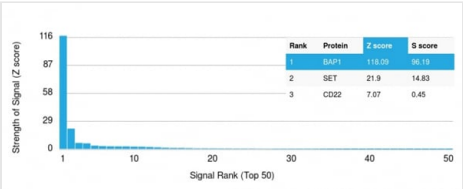
CATALOG # AAA214843	HOST Mouse	REACTIVITY Human. Others not known.	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

BAP1 (BRCA1 Associated Protein 1); Monoclonal Antibody; BAP1; BRCA1 associated protein 1; Cerebral protein 13; Cerebral protein 6; HUCEP 13; Hucep 6; HUCEP13; Hucep6; TPDS; Ubiquitin carboxy terminal hydrolase; Ubiquitin carboxyl terminal hydrolase BAP1; UCHL2; anti-BAP1 antibody

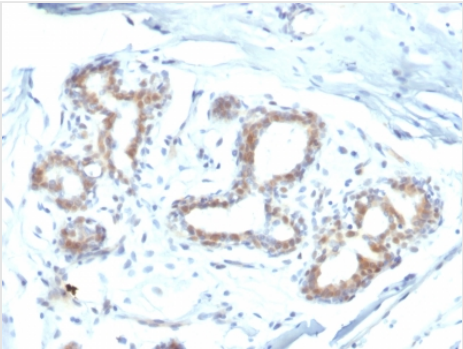
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	BAP1/2432
Specificity	The BAP1 gene belongs to the ubiquitin C-terminal hydrolase subfamily of de-ubiquitination enzymes that are involved in the removal of ubiquitin from proteins. The encoded enzyme binds to the breast cancer type 1 susceptibility protein (BRCA1) via the RING finger domain of the latter and acts as a tumor suppressor. In addition, the enzyme may be involved in regulation of transcription, regulation of cell cycle and growth, response to DNA damage and chromatin dynamics. Germ line mutations in this gene may be associated with tumor predisposition syndrome (TPDS), which involves increased risk of cancers including malignant mesothelioma, Uveal melanoma and cutaneous melanoma.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	729
Applicable Applications for anti-BAP1 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant human BAP1 protein fragment (around aa 191-326) (exact sequence is proprietary)
Positive Control	Jurkat or PC-3 or HepG2 Cells. Testis, Placenta, Ovarian or Breast Carcinoma.
Cellular Localization	Nuclear and Cytoplasmic
Chromosome Location	3p21.1
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

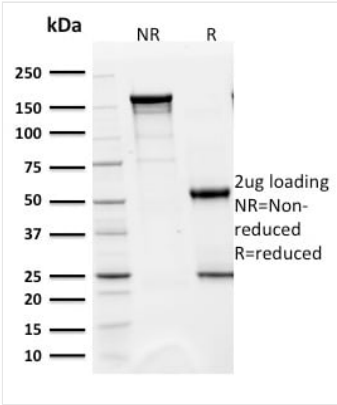


Application Data

Analysis of Protein Array containing more than 19,000 full-length human proteins using BAP1 Mouse Monoclonal Antibody (BAP1/2432).Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with BAP1 Mouse Monoclonal Antibody (BAP1/2432).



SDS-PAGE
SDS-PAGE Analysis Purified BAP1 Mouse Monoclonal Antibody (BAP1/2432). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

References	Thway K, et al. Am J Surg Pathol. 2012 Mar; 36(3):462-9.
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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	91kDa
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

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://stage.aaabiotech.com/monoclonal/bap1-brca1-associated-protein-1-antibody-clone-bap1-2432-immunohistochemistry-elisa/214843>