

For Research Use Only

BAP1 Polyclonal antibody

Catalog Number: 10398-1-AP **3 Publications**



Basic Information

Catalog Number: 10398-1-AP	GenBank Accession Number: BC001596	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 280 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8314	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)	Calculated MW: 81-91 kDa
Isotype: IgG	Observed MW: 91 kDa	IHC: 1:50-1:500
Immunogen Catalog Number: AG0597		

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: A2780 cells, human placenta tissue, mouse ovary tissue
Species Specificity: human, mouse	IP: HeLa cells,
Cited Species: human, mouse	IHC: human ovary tumor tissue, human lung cancer tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

BRCA1-associated protein-1 (BAP1), also named as KIAA0272, hucep-6, DKFZp686N04275, FLJ35406, FLJ37180, HUCEP-13, is a deubiquitinating enzyme whose function in the control of the cell cycle requires both its deubiquitinating activity and nuclear localization (PMID:22374320). It helps to control cell proliferation by regulating HCFC1 protein levels and by associating with genes involved in the G(1)-S transition (PMID:19188440). Defects in BAP1 may be a cause of mesothelioma malignant (MESOM) (PMID:21642991) and tumor predisposition syndrome (TPDS) (PMID:21874003). The all BAP1s except those of C. quinquefasciatus have a molecular mass of more than 90 kDa (PMID:22374320).

Notable Publications

Author	Pubmed ID	Journal	Application
Chenggang Zhang	36590171	iScience	WB
Xing Huang	31399419	Cancer Immunol Res	WB
Weiran Ge	36991118	Nature	WB

Storage

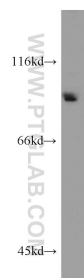
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

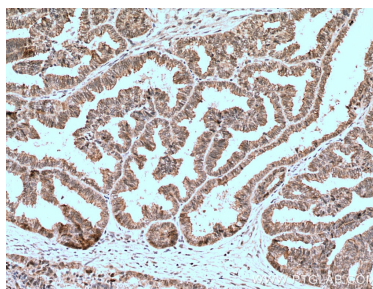
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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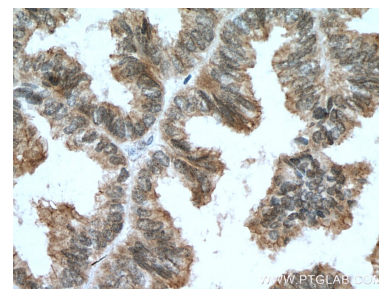
Selected Validation Data



A2780 cells were subjected to SDS PAGE followed by western blot with 10398-1-AP (BAP1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10398-1-AP (BAP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10398-1-AP (BAP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-BAP1 (IP:10398-1-AP, 4ug;
Detection:10398-1-AP 1:300) with HeLa cells lysate
3000ug.