

Datasheet for ABIN7127089
anti-BAP1 antibody (AA 191-326)



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Overview

Quantity:	100 µg
Target:	BAP1
Binding Specificity:	AA 191-326
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BAP1 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant human BAP1 protein fragment (around aa 191-326) (exact sequence is proprietary)
Isotype:	IgG
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.

Product Details

Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	BAP1
Alternative Name:	BAP1 (BAP1 Products)
Background:	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 BAP 1, UCHL2,BAP1 (BRCA1 Associated Protein 1) Cellular localisation: Mainly nucleus, also cytoplasm. Binds to chromatin.
Molecular Weight:	91kDa
Gene ID:	8314, 106674
UniProt:	Q92560

Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: Jurkat cell or PC-3 cell lysates. HepG2 cells. Human testis, placenta, ovaries and breast.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Handling

Expiry Date: 24 months