

Datasheet for ABIN6654721
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 (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A portion of amino acids 191-326 from the human protein was used as the immunogen for the BAP1 antibody.
Clone:	BAP1-2431
Isotype:	IgG
Purification:	Purified
Purity:	Protein G affinity chromatography

Target Details

Target:	BAP1
Alternative Name:	BAP1 / BRCA1-Associated Protein 1 (BAP1 Products)

Target Details

Background:	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.
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Application Details

Application Notes:	Optimal dilution of the BAP1 antibody to be determined by the researcher. 1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.\. IHC (FFPE): 1-2 µg/mL for 30 min at RT,Prediluted IHC only format : incubate for 30 min at RT
Restrictions:	For Research Use only

Handling

Buffer:	0.2 mg/mL in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store the BAP1 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).