

BAP1 Polyclonal Antibody

catalog number: **E-AB-67774**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

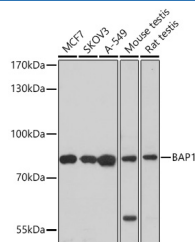
Description

| | |
|---------------------|--|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Recombinant fusion protein of human BAP1 (NP_004647.1). |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications

| Applications | Recommended Dilution |
|--------------|----------------------|
| WB | 1:500-1:2000 |
| IHC | 1:50-1:200 |
| IF | 1:50-1:200 |

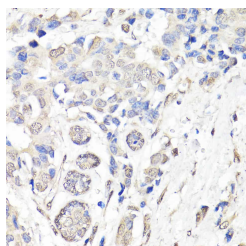
Data



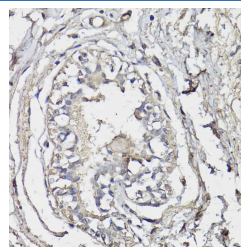
Western blot analysis of extracts of various cell lines using BAP1 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:80 kDa

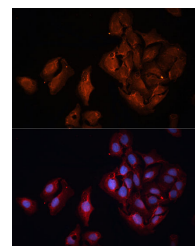
Calculated-MW:80 kDa



Immunohistochemistry of paraffin-embedded Human breast cancer using BAP1 Polyclonal Antibody at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded Human breast using BAP1 Polyclonal Antibody at dilution of 1:150 (40x lens).



Immunofluorescence analysis of U-2 OS cells using BAP1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

For Research Use Only

This gene belongs to the ubiquitin C-terminal hydrolase subfamily of deubiquitinating enzymes that are involved in the removal of ubiquitin from proteins. The encoded enzyme binds to the breast cancer type 1 susceptibility protein (BRCA 1) 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. Germline 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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