
anti-BAP1

Cat #: HM1038
Mouse monoclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

BAP1 (BRCA1-associated protein 1) is a ubiquitin hydrolase. It localizes to the nucleus and interacts with the RING finger domain of the breast cancer 1 (BRCA1). BAP1 is a tumor suppressor that functions in the BRCA1-mediated cell growth suppression.

SPECIFICITY

This antibody reacts with BAP1 of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry.

Recommended dilution for Western blotting: 1:1000. Molecular Weight of BAP1: 91 kDa. Western blotting positive control: A-431 cells.

IMMUNOGEN

Recombinant protein corresponding to the carboxyl terminal of human BAP1.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCE

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2. Jensen, D.E., Proctor, M., Marquis, S.T., Gardner, H.P., Ha, S.I., Chodosh, L.A., Ishov, A.M., Tommerup, N., Vissing, H., Sekido, Y., Minna, J., Borodovsky, A., Schultz, D.C., Wilkinson, K.D., Maul, G.G., Barlev, N., Prendergast, G.C., and Rauscher, F.J. III. 1998. BAP1: a novel ubiquitin hydrolase which binds to the BRCA1 RING finger and enhances BRCA1-mediated cell growth suppression. *Oncogene* 16: 1097-1112.
3. Jensen, D.E. and Rauscher, F.J. III. (1999) Defining biochemical functions for the BRCA1 tumor suppressor protein: analysis of the BRCA1 binding protein BAP1. *Cancer Lett.* 143 Suppl 1, S13-S17.

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