

BAP1 antibody (pAb)

Catalog No.: R A9021

Basic Information

Molecular weight

100 kDa

Category

Polyclonal antibody

Applications

WB

Cross-Reactivity

Mouse

Background

BAP1 (BRCA1 Associated Protein-1 (Ubiquitin Carboxy-Terminal Hydrolase)) is a deubiquitinating enzyme that plays a key role in chromatin by mediating deubiquitination of histone H2A and HCFC1. Catalytic component of the PR-DUB complex, a complex that specifically mediates deubiquitination of histone H2A monoubiquitinated at 'Lys-119' (H2AK119ub1). Does not deubiquitinate monoubiquitinated histone H2B. Acts as a regulator of cell growth by mediating deubiquitination of HCFC1 N-terminal and C-terminal chains, with some specificity toward 'Lys-48'-linked polyubiquitin chains compared to 'Lys-63'-linked polyubiquitin chains. Deubiquitination of HCFC1 does not lead to increase stability of HCFC1. Interferes with the BRCA1 and BARD1 heterodimer activity by inhibiting their ability to mediate ubiquitination and autoubiquitination. It however does not mediate deubiquitination of BRCA1 and BARD1. Acts as a tumor suppressor.

Recommended Dilutions

WB 1:500-1:2000

Product Information

Source	Rabbit
Isotype	IgG
Purification	Affinity Purified
Storage buffer	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic..
Storage Conditions	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

Note: For in vitro research use only, not for diagnostic or therapeutic use, This product is not a medical device.

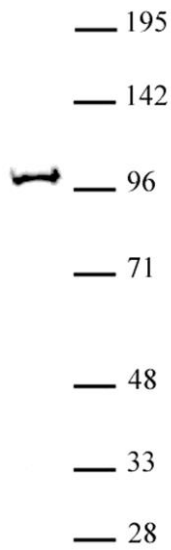
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BAP1 antibody (pAb) tested by Western blot. Nuclear extract of P19 cells (25 ug) probed with the BAP1 antibody (1:1,000 dilution).

