

Product datasheet

Anti-BAP1 antibody ab167250

[1 References](#) [2 Images](#)

Overview

Product name	Anti-BAP1 antibody
Description	Mouse polyclonal to BAP1
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to amino acids 1-729 of Human BAP1 (NP_004647.1).

 [Run BLAST with](#)  [Run BLAST with](#) 

Positive control BAP1 transfected 293T cell lysate; HeLa cells.

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.4 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab167250 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 80 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

Target

Function

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.

Tissue specificity

Highly expressed in testis, placenta and ovary. Expressed in breast.

Sequence similarities

Belongs to the peptidase C12 family. BAP1 subfamily.

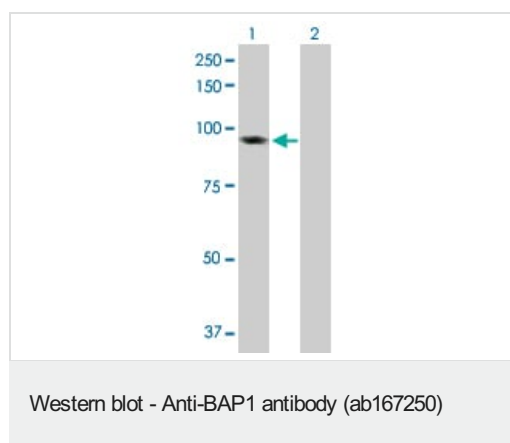
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Cytoplasm. Nucleus. Mainly nuclear. Binds to chromatin.

Images



All lanes : Anti-BAP1 antibody (ab167250) at 1 µg

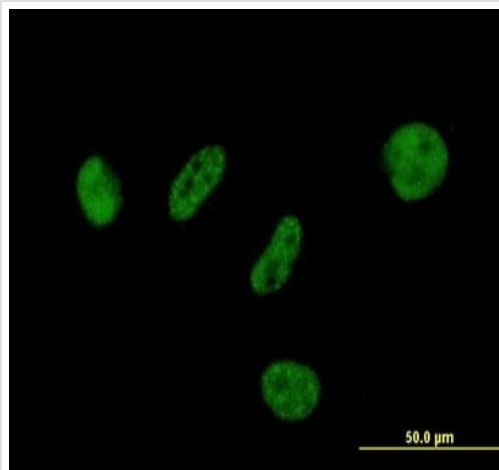
Lane 1 : BAP1 transfected 293T cell lysate

Lane 2 : Non-transfected lysate

Lysates/proteins at 15 µl per lane.

Developed using the ECL technique.

Predicted band size: 80 kDa



Immunofluorescence analysis of HeLa cells labeling BAP1 with ab167250 at 10µg/mL.

Immunocytochemistry/ Immunofluorescence - Anti-BAP1 antibody (ab167250)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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