


### Anti-BRAT1 antibody ab84362

2 Images

#### Overview

<b>Product name</b>	Anti-BRAT1 antibody
<b>Description</b>	Rabbit polyclonal to BRAT1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
<b>Immunogen</b>	Synthetic peptide corresponding to Human BRAT1 aa 775-821 (C terminal). Database link: <a href="#">NP_689956.1</a>
<b>Positive control</b>	Human metastatic lymph node; Human lung non small cell cancer
<b>General notes</b>	<p>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.</p> <p>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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified using an epitope specific to BRAT1 immobilized on solid support.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab84362 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
IHC-P		1/100 - 1/500. Epitope exposure is recommended. Epitope exposure with citrate buffer will enhance staining.

## Target

### Function

Required for activation of ATM following ionizing radiation. May act by regulating dephosphorylation of ATM.

### Tissue specificity

Ubiquitously expressed.

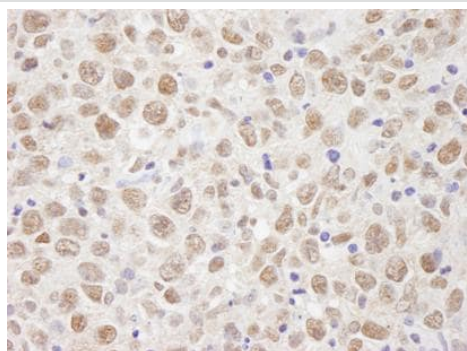
### Sequence similarities

Contains 2 HEAT repeats.

### Cellular localization

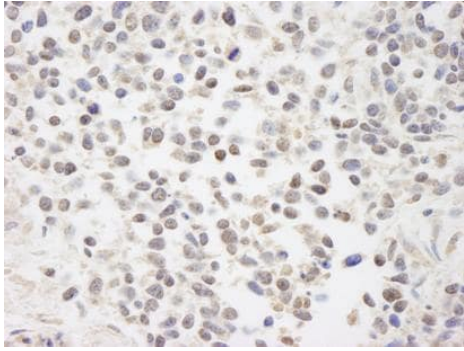
Nucleus. Present at double strand breaks (DSBs) following ionizing radiation treatment.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BRAT1 antibody (ab84362)

Detection of Human BRAT1 in formalin-fixed paraffin-embedded section of Human metastatic lymph node by Immunohistochemistry using ab84362 at a dilution of 1/250. Detection was performed by DAB staining using anti-Rabbit IHC antibody at a dilution of 1/100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BRAT1 antibody (ab84362)

Detection of Human BRAT1 in formalin-fixed paraffin-embedded section of Human lung non-small cell cancer by Immunohistochemistry using ab84362 at a dilution of 1/250. Detection was performed by DAB staining using anti-Rabbit IHC antibody at a dilution of 1/100.

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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