


## Product datasheet

### Anti-ATRIP antibody [EPR8072(2)] ab175221

Recombinant RabMAb

[4 References](#) [3 Images](#)

#### Overview

Product name	Anti-ATRIP antibody [EPR8072(2)]
Description	Rabbit monoclonal [EPR8072(2)] to ATRIP
Host species	Rabbit
Tested applications	<b>Suitable for:</b> ICC/IF, WB <b>Unsuitable for:</b> Flow Cyt, IHC-P or IP
Species reactivity	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
Immunogen	Synthetic peptide within Human ATRIP aa 200-300 (Cysteine residue). The exact sequence is proprietary. Database link: <a href="#">Q8WXE1</a>
Positive control	PC-3, Hela, MCF-7 cell lysates; MCF-7 cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR8072(2)
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab175221 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

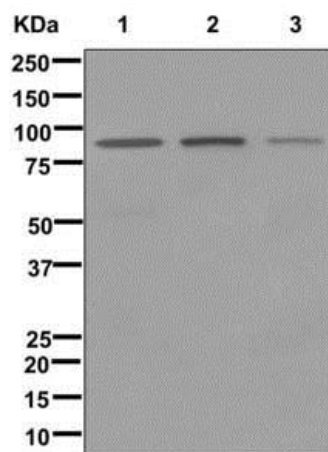
Application	Abreviews	Notes
ICC/IF		1/50 - 1/100.
WB		1/1000 - 1/5000. Predicted molecular weight: 86 kDa.

**Application notes** Is unsuitable for Flow Cyt, IHC-P or IP.

## Target

<b>Function</b>	Required for checkpoint signaling after DNA damage. Required for ATR expression, possibly by stabilizing the protein.
<b>Tissue specificity</b>	Ubiquitous.
<b>Sequence similarities</b>	Belongs to the ATRIP family.
<b>Domain</b>	The EEXXXDDL motif is required for the interaction with catalytic subunit PRKDC and its recruitment to sites of DNA damage.
<b>Post-translational modifications</b>	Phosphorylated by ATR.
<b>Cellular localization</b>	Nucleus. Redistributes to discrete nuclear foci upon DNA damage.

## Images



Western blot - Anti-ATRIP antibody [EPR8072(2)] (ab175221)

**All lanes :** Anti-ATRIP antibody [EPR8072(2)] (ab175221) at 1/1000 dilution

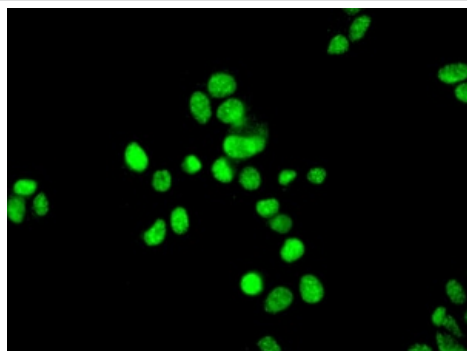
**Lane 1 :** PC-3 cell lysate

**Lane 2 :** HeLa cell lysate

**Lane 3 :** MCF-7 cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 86 kDa



Immunocytochemistry/ Immunofluorescence - Anti-ATRIP antibody [EPR8072(2)] (ab175221)

Immunofluorescent staining of MCF-7 cells labeling ATRIP with ab175221 at 1/50 dilution.

Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-ATRIP antibody [EPR8072(2)] (ab175221)

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

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