

## Product datasheet

# Anti-ATRIP antibody ab56956

1 Image

### Overview

<b>Product name</b>	Anti-ATRIP antibody
<b>Description</b>	Mouse monoclonal to ATRIP
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Recombinant fragment <b>Predicted to work with:</b> Human

### Immunogen

Recombinant fragment: MGP GARRQGR IQGRPEMCF CPPPTLPPL RILTLGTHPT  
TPCSSPGSAA GTYPTMGSQA LPPGPMQTLI FFDMEATGLP FSQPKVTELC LLAVHRCAL  
, corresponding to amino acids 1-101 of Human ATRIP

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

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Light chain type</b>	kappa

### Applications

Our [Abpromise guarantee](#) covers the use of **ab56956** in the following tested applications.

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

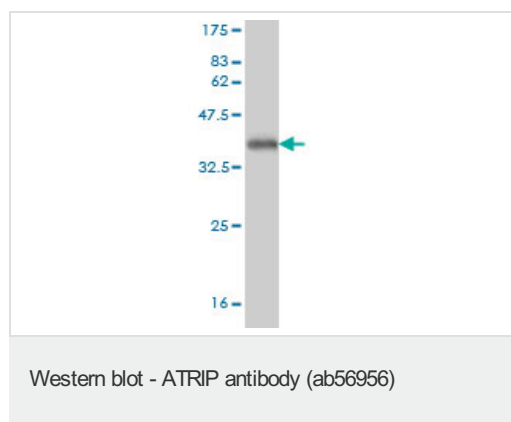
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

## 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 against tagged recombinant protein immunogen using ab56956 ATRIP antibody at 1µg/ml. Predicted band size of immunogen is 37 kDa

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