

Product datasheet

Anti-ATRIP antibody ab56956

1 Image

Overview

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

Immunogen

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

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

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	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG2b
Light chain type	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.

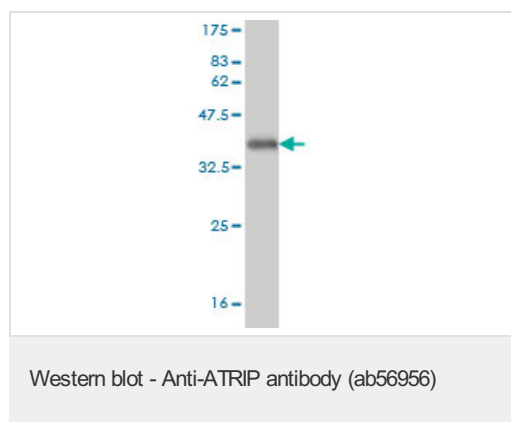
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

Target

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