abcam

Product datasheet

Anti-ATMIN antibody - N-terminal ab191856

3 Images

Overview

Product name	Anti-ATMIN antibody - N-terminal
Description	Rabbit polyclonal to ATMIN - N-terminal
Host species	Rabbit
Tested applications	**Suitable for:** ICC/IF, ICC, WB
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide corresponding to Human ATMIN (N terminal). (19 amino acid peptide from near the amino terminus; NP_056066). Database link: **O43313**
Positive control	WB: 293 cell lysate. ICC/IF: A431 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. 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: 7.2 Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab191856 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		Use a concentration of 2.5 µg/ml.
ICC		Use a concentration of 5 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 72 kDa (predicted molecular weight: 88, 72 kDa).

Target

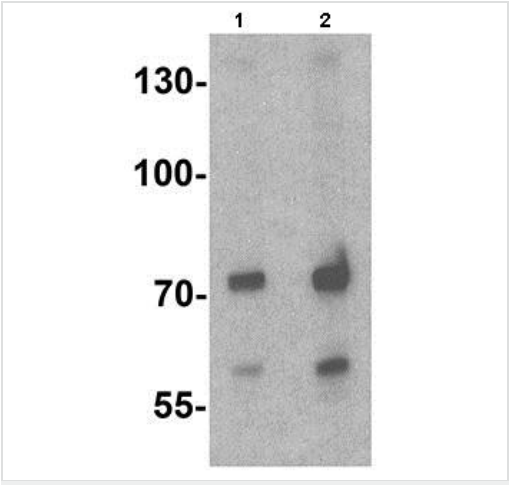
Function Plays a crucial role in cell survival and RAD51 foci formation in response to methylating DNA damage. Involved in regulating the activity of ATM in the absence of DNA damage. May play a role in stabilizing ATM.

Tissue specificity Ubiquitously expressed in normal tissues and cancer cell lines with highest levels in placenta and skeletal muscle.

Sequence similarities Contains 2 C2H2-type zinc fingers.

Cellular localization Nucleus. Nuclear, in discrete foci during G1 phase.

Images



Western blot - Anti-ATMIN antibody - N-terminal (ab191856)

Lane 1 : Anti-ATMIN antibody - N-terminal (ab191856) at 1 µg/ml

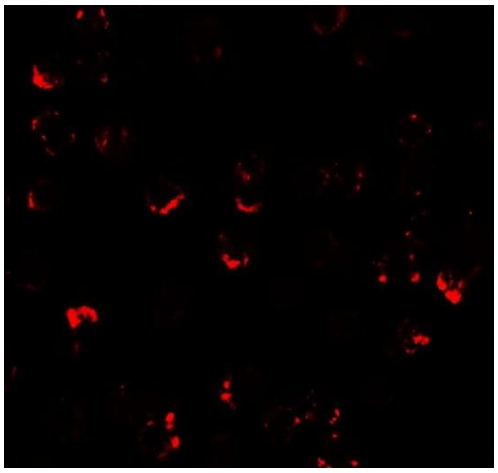
Lane 2 : Anti-ATMIN antibody - N-terminal (ab191856) at 2 µg/ml

All lanes : 293 cell lysate

Lysates/proteins at 15 µg per lane.

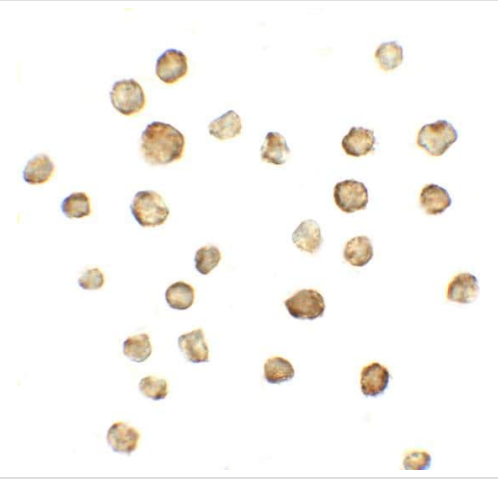
Predicted band size: 88, 72 kDa

Observed band size: 72 kDa



Immunocytochemistry/ Immunofluorescence - Anti-ATMIN antibody - N-terminal (ab191856)

Immunofluorescent analysis of A431 cells labeling ATMIN with ab191856 at 2.5 µg/ml.



Immunocytochemistry - Anti-ATMIN antibody - N-terminal (ab191856)

Immunocytochemical analysis of A431 cells labeling ATMIN with ab191856 at 5 µg/ml.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- 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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors