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Datasheet for ABIN6991999  
**anti-ATM Interactor antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	ATM Interactor (ATMIN)
Binding Specificity:	AA 200-250, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATM Interactor antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunocytochemistry (ICC)

### Product Details

Immunogen:	ATMIN antibody was raised against a 19 amino acid peptide near the amino terminus of human ATMIN. The immunogen is located within amino acids 200 - 250 of ATMIN.
Isotype:	IgG
Specificity:	ATMIN antibody is human, mouse and rat reactive. At least three isoforms of ATMIN are known to exist.
Purification:	ATMIN antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	ATM Interactor (ATMIN)
Alternative Name:	ATMIN ( <a href="#">ATMIN Products</a> )

## Target Details

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**Background:** The ATM/ATR-substrate CHK2-interacting zinc finger protein (ATMIN), also known as ASCIZ, forms DNA damage-induced nuclear foci that contain the DNA repair protein Rad51 (1). ATMIN is also thought to be involved in embryonic development, as an absence of ATMIN causes late-embryonic lethality in mice with a range of organ development defects (2). It also activates the transcription DYNLL1, a light chain of the dynein motor complex and sequence-specific regulator of protein dimerization of numerous targets. DYNLL1 can bind to and inhibit the transcription activation domain of ATMIN, forming a simple dynamic feedback loop for DYNLL1 expression (3).

**Molecular Weight:** Predicted: 73, 79, 91 kDa

Observed: 72 kDa

**Gene ID:** 23300

**NCBI Accession:** [NP\\_056066](#)

**UniProt:** [O43313](#)

## Application Details

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**Application Notes:** ATMIN antibody can be used for detection of ATMIN by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunocytochemistry at 5 µg/mL. For Immunofluorescence start at 2.5 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** ATMIN Antibody is supplied in PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

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Storage: -20 °C, 4 °C

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Storage Comment: ATMIN antibody can be stored at 4°C for three months and -20°C, stable for up to one year.