

Rabbit ATMIN Polyclonal Antibody | anti-ATMIN antibody

ATMIN Antibody

CATALOG # AAA40534	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

ATMIN; Polyclonal Antibody; ATMIN Antibody; ASCIZ; ZNF822; KIAA0431; ATM interactor; Zinc finger protein 822; anti-ATMIN antibody

PRODUCT SPECIFICATIONS

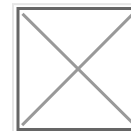
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ATMIN antibody is human, mouse and rat reactive. At least three isoforms of ATMIN are known to exist.
Purity/Purification	ATMIN antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	823
Applicable Applications for anti-ATMIN antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ATMIN antibody was raised against a 19 amino acid peptide near the amino terminus of human ATMIN.
Buffer	ATMIN Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ATMIN antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of ATMIN in A431 cells with ATMIN antibody at 2.5 &#956;g/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of ATMIN in A431 cells with ATMIN antibody at 5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of ATMIN in 293 cell lysate with ATMIN antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ATMIN antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54792092
NCBI GeneID	23300
NCBI Accession #	NP_056066
NCBI GenBank Nucleotide #	NM_015251.2
UniProt Accession #	O43313; Q68DC9; A8K4H8
Molecular Weight	Predicted: 73; 79; 91 kDa Observed: 72 kDa
NCBI Official Full Name	ATM interactor isoform 1
NCBI Official Synonym Full Names	ATM interactor
NCBI Official Symbol	ATMIN
NCBI Official Synonym Symbols	ASCIZ; ZNF822
NCBI Protein Information	ATM interactor; ATM Interacting protein; zinc finger protein 822; ATM/ATR-Substrate Chk2-Interacting Zn++-finger protein; ATM/ATR-substrate CHK2-interacting zinc finger protein; ATM/ATR-substrate CHEK2-interacting zinc finger protein
UniProt Protein Name	ATM interactor
UniProt Gene Name	ATMIN
UniProt Synonym Gene Names	KIAA0431; ZNF822; ASCIZ
UniProt Entry Name	ATMIN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atmin-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40534>