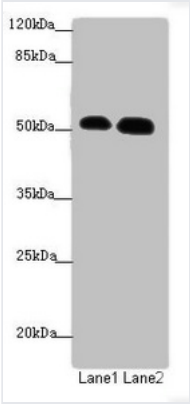
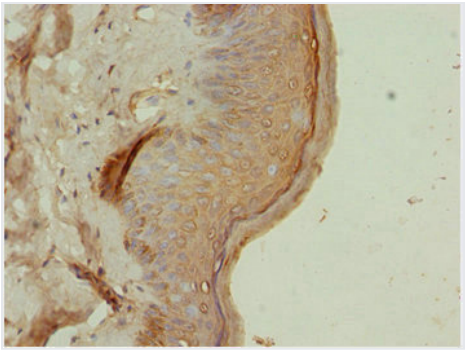
ATMIN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ATMIN, Polyclonal Antibody
Full Product Name	ATMIN Antibody
Product Gene Name	anti-ATMIN antibody
Product Synonym Names	ATM interactor; ATM/ATR-substrate CHK2-interacting zinc finger protein; ASCIZ; Zinc finger protein 822; ATMIN; KIAA0431; ZNF822
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	72,334 Da
OMIM	614693
3D Structure	ModBase 3D Structure for O43313
Species	Human
Immunogen	Recombinant human ATM interactor protein (160-360AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-51462 / sc-51464 / sc-51465 / sc-67314
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ATMIN antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for anti-ATMIN antibody	Transcription factor. 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. Binds to the DYNLL1 promoter and activates its transcription.
Other Notes	Small volumes of anti-ATMIN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ATMIN purchase	MBS7044304 is an antibody targeting ATMIN. Also known as ATMIN Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ATMIN antibody
Western blotAll lanes: ATMIN antibody at 1.53ug/mlLane 1: Hela whole cell lysateLane 2: HepG-2 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 89,73 kDaObserved band size: 88 kDa,51 kDa



Immunohistochemistry (IHC) of anti-ATMIN antibody
Immunohistochemistry of paraffin-embedded human skin tissue using MBS7044304 at dilution 1:100

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ATMIN. It may not necessarily be applicable to this product.

NCBI GI #	663429532
NCBI GeneID	23300
NCBI Accession #	NP_001287657.1
UniProt Primary Accession #	O43313
UniProt Secondary Accession #	Q68DC9; A8K4H8
UniProt Related Accession #	O43313
GenBank Nucleotide #	NM_001300728.1
NCBI Official Full Name	ATM interactor isoform 2
NCBI Official Synonym Full Names	ATM interactor
NCBI Official Symbol	ATMIN
NCBI Official Synonym Symbols	ASCIZ; ZNF822
UniProt Protein Name	ATM interactor
UniProt Synonym Protein Names	ATM/ATR-substrate CHK2-interacting zinc finger protein; ASCIZ; Zinc finger protein 822
Protein Family	ATM interactor
UniProt Gene Name	ATMIN
UniProt Synonym Gene Names	KIAA0431; ZNF822; ASCIZ
UniProt Entry Name	ATMIN_HUMAN
NCBI Protein Information	ATM interactor

UniProt Comments for ATMIN	ATMIN: Transcription factor. 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. Binds to the DYNLL1 promoter and activates its transcription. 2 isoforms of the human protein are produced by alternative splicing. Protein type: DNA repair, damage; C2H2-type zinc finger protein Chromosomal Location of Human Ortholog: 16q23.2 Cellular Component: nucleus Molecular Function: dynein binding; protein binding Biological Process: positive regulation of transcription, DNA-dependent
Research Articles on ATMIN	**1.** ATMIN is required for cell cycle progression and chromosome segregation following replication stress.ATMIN is required for the ATM-mediated signaling and recruitment of 53BP1 to DNA damage sites upon replication stress.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/atmin/7044304