

Rabbit ATM Polyclonal Antibody | anti-ATM antibody

ATM Antibody

CATALOG # AAA225812	HOST Rabbit	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ATM; Polyclonal Antibody; ATM Antibody; Affinity Purified Rabbit Polyclonal ATM Antibody; Polyclonal ATM antibody; Anti-ATM antibody; AT1 antibody; TELO1 antibody; TEL1 antibody; ATA antibody; Ataxia telangiectasia mutated antibody; ATE antibody; Phospho Ser1981 antibody; DKFZp781A0353 antibody; ATC antibody; MGC74674 antibody; ATD antibody; ATDC antibody; anti-ATM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Chromatography
Form/Format	Lyophilized Form
Sequence Length	3056
Applicable Applications for anti-ATM antibody	WB (Western Blot)
Immunogen	ATM antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence at the N-terminal of human ATM, different from the related rat and Rabbit sequences by two amino acids, as the immunogen
Preparation and Storage	Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Lane 1: HELA Cell Lysate, Lane 2: SMMC Cell Lysate, Lane 3: U87 Cell Lysate, Lane 4: A549 Cell Lysate, Lane 5: MCF-7 Cell Lysate


WB (Western Blot)

Lane 1: Rat Testicle Tissue Lysate, Lane 2: U87 Cell Lysate, Lane 3: MCF-7 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ATM antibody	The protein encoded by this gene belongs to the PI3/PI4-kinase family. This protein is an important cell cycle checkpoint kinase that phosphorylates; thus, it functions as a regulator of a wide variety of downstream proteins, including tumor suppressor proteins p53 and BRCA1, checkpoint kinase CHK2, checkpoint proteins RAD17 and RAD9, and DNA repair protein NBS1. This protein and the closely related kinase ATR are thought to be master controllers of cell cycle checkpoint signaling pathways that are required for cell response to DNA damage and for genome stability. Mutations in this gene are associated with ataxia telangiectasia, an autosomal recessive disorder.
Product Categories/Family for anti-ATM antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	2304971
NCBI GeneID	472
NCBI Official Full Name	ATM
NCBI Official Synonym Full Names	ATM serine/threonine kinase
NCBI Official Symbol	ATM
NCBI Official Synonym Symbols	AT1; ATA; ATC; ATD; ATE; ATDC; TEL1; TELO1
NCBI Protein Information	serine-protein kinase ATM

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/atm-antibody-western-blot-elisa/225812>