

Rabbit anti-Human ATM Polyclonal Antibody | anti-ATM antibody

ATM Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175863	Rabbit	Human	ELISA, Immunohistochemistry

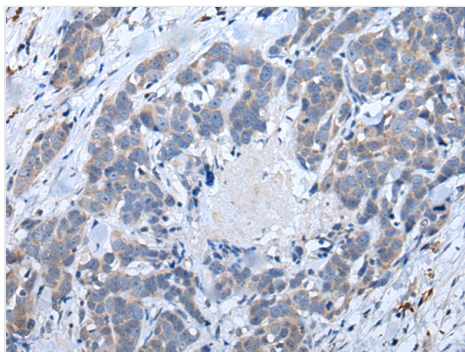
PRODUCT SYNONYMS

ATM; Polyclonal Antibody; ATM Polyclonal Antibody; A-T mutated; A-T mutated homolog; AT mutated; AT1; ATA; Ataxia telangiectasia mutated; Ataxia telangiectasia mutated gene; Ataxia telangiectasia mutated homolog (human); Ataxia telangiectasia mutated homolog; ATC; ATD; ATDC; ATE; ATM serine/threonine kinase; DKFZp781A0353; MGC74674; OTTHUMP00000232981; Serine protein kinase ATM; Serine-protein kinase ATM; Serine/threonine-protein kinase ATM; Tefu; TEL1; Telomere maintenance 1; Homolog; TELO1; Telomere fusion protein; anti-ATM antibody

PRODUCT SPECIFICATIONS

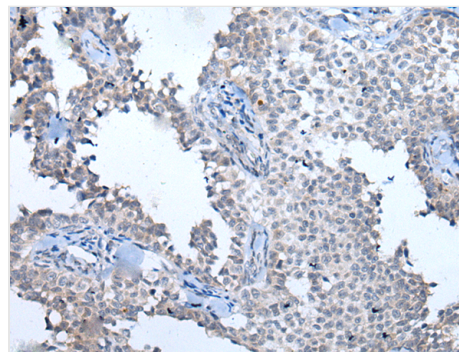
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.2mg/mL (varies by lot)
Sequence Length	1708
Applicable Applications for anti-ATM antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human ATM
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ATM Polyclonal Antibody at dilution of 1:65(×200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ATM Polyclonal Antibody at dilution of 1:65(×200

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	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	187951615
NCBI GeneID	472
UniProt Accession #	Q13315
NCBI Official Full Name	Ataxia telangiectasia mutated
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
UniProt Protein Name	Serine-protein kinase ATM
UniProt Gene Name	ATM
UniProt Synonym Gene Names	A-T mutated
UniProt Entry Name	ATM_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://www.aaabiotech.com/polyclonal/atm-antibody-immunohistochemistry-elisa/175863>