

# ATM Antibody

Rabbit mAb

Catalog # AP90255

## Product Information

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<b>Application</b>	WB, IHC, IF, FC, ICC, IHF
<b>Primary Accession</b>	<a href="#">Q13315</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	A-T, mutated; Ataxia telangiectasia mutated; Ataxia telangiectasia mutated homolog; EC 2.7.11.1; kinase ATM; Serine-protein kinase ATM
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	350 KDa

## Additional Information

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<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:100 ICC/IF 1:50~1:200 FC 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human ATM
<b>Description</b>	ATM 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.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

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## Images

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Western blot analysis of ATM expression in HeLa cell lysate.

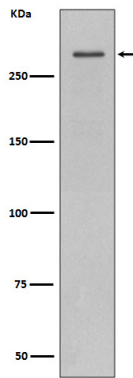


Image not found : 202311/AP90255-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human breast cancer, using ATM Antibody.

Image not found : 202311/AP90255-IF.jpg

Immunofluorescent analysis of Hela cells, using ATM Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.