

## Rabbit anti-Human, Mouse ATM Polyclonal Antibody | anti-ATM antibody

Phospho-ATM (Ser1981) Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA243087 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

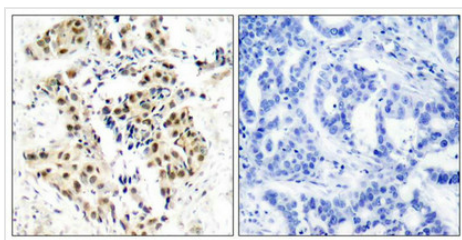
### PRODUCT SYNONYMS

ATM; Polyclonal Antibody; Phospho-ATM (Ser1981) Antibody; Ataxia telangiectasia mutated homolog; Ataxia telangiectasia mutated; kinase ATM; anti-ATM antibody

### PRODUCT SPECIFICATIONS

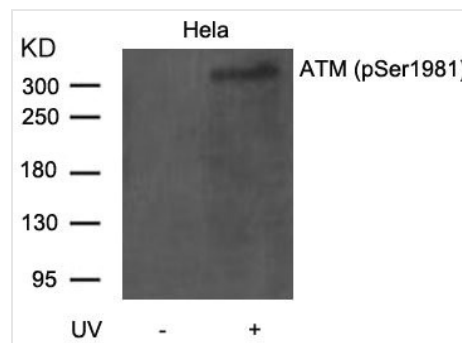
|                                               |                                                                                                                                                                                                                                                                  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                           |
| Reactivity                                    | Human, Mouse                                                                                                                                                                                                                                                     |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                       |
| Isotype                                       | IgG                                                                                                                                                                                                                                                              |
| Purity/Purification                           | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using |
| Form/Format                                   | Liquid; Supplied at 1.0mg/mL in Phosphate Buffered Saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.                                                                                             |
| Applicable Applications for anti-ATM antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                                                             |
| Immunogen                                     | Peptide sequence around phosphorylation site of serine 1981 (E-G-S(p)-Q-S) derived from Human ATM.                                                                                                                                                               |
| Immunogen Species                             | Human                                                                                                                                                                                                                                                            |
| Conjugate                                     | Non-conjugated                                                                                                                                                                                                                                                   |
| Preparation and Storage                       | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                                                                                                                      |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATM(Phospho-Ser1981) Antibody(left) or the same antibody preincubated with blocking peptide(right).



#### WB (Western Blot)

Western blot analysis of extracts from HeLa cells untreated or treated with UV using ATM(Phospho-Ser1981) Antibody

ADDITIONAL INFORMATION

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| Product Categories/Family for anti-ATM antibody | Epigenetics and Nuclear Signaling |
|-------------------------------------------------|-----------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| NCBI GI #                        | 187951615                                                                                 |
| NCBI GeneID                      | 472                                                                                       |
| UniProt Accession #              | Q13315; O15429; Q12758; Q16551; Q93007; Q9NP02; Q9UCX7; B2RNX5                            |
| Molecular Weight                 | 350,714 Da                                                                                |
| NCBI Official Full Name          | Ataxia telangiectasia mutated                                                             |
| NCBI Official Synonym Full Names | ataxia telangiectasia mutated                                                             |
| NCBI Official Symbol             | ATM                                                                                       |
| NCBI Official Synonym Symbols    | AT1; ATA; ATC; ATD; ATE; ATDC; TEL1; TELO1                                                |
| NCBI Protein Information         | serine-protein kinase ATM; AT mutated; A-T mutated; TEL1, telomere maintenance 1, homolog |
| 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://stage.aaabiotech.com/polyclonal/atm-antibody-immunohistochemistry-western-blot-elisa/243087>