

## Anti-ATM (Ser-794), Phosphospecific Antibody

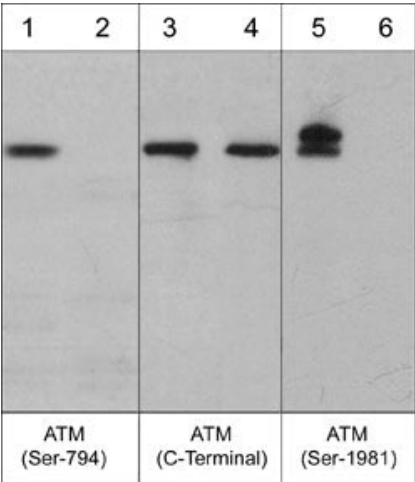


### Product Details

|                    |                                                                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:AP3631)                                                                                                                                                                                             |
| Conjugate          | Unconjugated                                                                                                                                                                                                    |
| Isotype            | IgG                                                                                                                                                                                                             |
| Gene Name          | ATM                                                                                                                                                                                                             |
| Host Species       | Rabbit                                                                                                                                                                                                          |
| Format             | Antigen Affinity Purified                                                                                                                                                                                       |
| Physical State     | Liquid                                                                                                                                                                                                          |
| Buffer             | PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol                                                                                                                                                      |
| Applications       | ELISA, Flow, ICC, WB                                                                                                                                                                                            |
| Dilution Ranges    | WB: 1:1000<br>ICC: 1:200                                                                                                                                                                                        |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                                                                               |
| Immunogen          | Phospho-ATM (Ser-794) synthetic peptide (coupled to carrier protein) corresponding to amino acids surrounding Ser-794 in human ATM. This sequence is well conserved in rat and mouse ATM.                       |
| Specificity        | The antibody detects a 370 kDa* band corresponding to ATM on SDS-PAGE immunoblots of calyculin A treated Jurkat, A431, HeLa, and rat PC12 cells. This reactivity is removed after lambda phosphatase treatment. |
| Molecular Weight   | 370                                                                                                                                                                                                             |
| Quality Control    | Western blots performed on each lot.                                                                                                                                                                            |
| Storage            | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.                                                          |

|                                         |                                                                                                                                                                        |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt ID                              | <a href="#">Q13315</a>                                                                                                                                                 |
| Country of Origin                       | United States                                                                                                                                                          |
| Shipping                                | Blue Ice                                                                                                                                                               |
| Expiration                              | After date of receipt, stable for at least 1 year at -20°C.                                                                                                            |
| Usage Statement                         | For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website. |
| Post Translational Modification Type    | Phosphorylated                                                                                                                                                         |
| Post Translational Modification Residue | Ser-794                                                                                                                                                                |

Product Images



Immunocytochemical labeling of ATM phosphorylation in calyculin A-treated A431 cells. The cells were labeled with rabbit polyclonal anti-ATM (Ser-794) (AP3631) antibody in the absence (Left) or presence (Right) of blocking peptide (AX3635). The antibody was detected using appropriate secondary antibody conjugated to DyLight® 594.

Product Page URL: [www.antibodiesinc.com/products/anti-atm-ser-794-phosphospecific-antibody-ap3631](http://www.antibodiesinc.com/products/anti-atm-ser-794-phosphospecific-antibody-ap3631)

