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# ATM Rabbit mAb

**货号: AYM31153**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IF/ICC IP FC |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IF/ICC:** 1:50 - 1:200<br>**IP:** 1:20 - 1:50<br>**FC:** 1:20 - 1:50 |
| 理论分子量 | 350kDa |
| 实测分子量 | 350kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | 293T,NIH/3T3 |
| 细胞定位 | Cytoplasmic vesicle,Nucleus |
| 纯化 | Affinity purification |

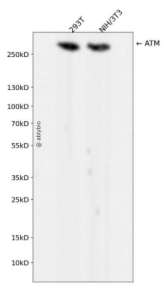
## 抗原信息

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|---|---|
| 抗原信息 | Recombinant fusion protein corresponding to Human ATM. |

## 靶点信息

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| 研究背景 | 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. |
| 基因ID | 472 |
| 基因名 | ATM |
| Swiss | Q13315 (https://www.uniprot.org/uniprotkb/Q13315/entry) |
| 别名 | ATM,ATM Rabbit mAb,Ataxia telangiectasia mutated |

## 产品验证




Western blot analysis of ATM expressed in 293T,NIH/3T3 using ATM Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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