— ABLYBIO, Help Your Research

# RPA32/RPA2 (YD12806) Rabbit mAb

**货号: AYD11166**

## 产品信息

| | |
|---|---|
| 反应 | Human, Mouse, Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC ICC/IF FC IP |
| 推荐浓度 | |
| 理论分子量 | 29kDa |
| 实测分子量 | |
| 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,293T+UV,NIH/3T3,C6 |
| 细胞定位 | Nucleus, PML body |
| 纯化 | 亲和纯化 |

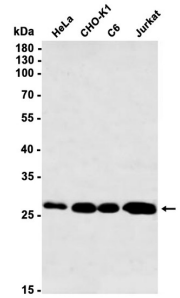
## 抗原信息

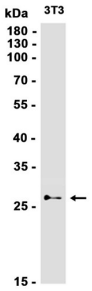
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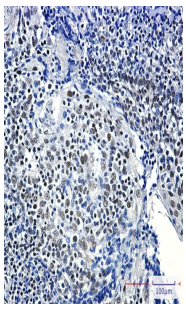
## 靶点信息

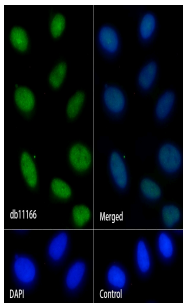
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|---|---|
| 研究背景 | As part of the heterotrimeric replication protein A complex (RPA/RP-A, binds and stabilizes single-stranded DNA intermediates, that form during DNA replication or upon DNA stress. It prevents their reannealing and in parallel, recruits and activates different proteins and complexes involved in DNA metabolism. Thereby, it plays an essential role both in DNA replication and the cellular response to DNA damage. In the cellular response to DNA damage, the RPA complex controls DNA repair and DNA damage checkpoint activation. Through recruitment of ATRIP activates the ATR kinase a master regulator of the DNA damage response. It is required for the recruitment of the DNA double-strand break repair factors RAD51 and RAD52 to chromatin in response to DNA damage. Also recruits to sites of DNA damage proteins like XPA and XPG that are involved in nucleotide excision repair and is required for this mechanism of DNA repair. Plays also a role in base excision repair (BER probably through interaction with UNG. Also recruits SMARCAL1/HARP, which is involved in replication fork restart, to sites of DNA damage. May also play a role in telomere maintenance. |
| 基因ID | 6118 |
| 基因名 | RPA2 |
| Swiss | P15927 (https://www.uniprot.org/uniprotkb/P15927/entry) |
| 别名 | RPA32/RPA2 (YD12806),RPA32/RPA2 (YD12806) Rabbit mAb,RPA2,Replication factor A protein 2,Replication protein A 34 kDa subunit,REPA2,RPA32,RPA34 |

## 产品验证






**实验步骤**

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