

— ABLYBIO, Help Your Research



# NCAPD2 (YD36175) Rabbit mAb

货号: **AYD16410**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human   |
| 宿主    | Rabbit  |
| 克隆性   | Monoclonal  |
| 预测反应  |   |
| 应用    | WB ICC/IF   |
| 推荐浓度  |   |
| 理论分子量 | 157kDa  |
| 实测分子量 |   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated  |
| 阳性对照  | Raji,K-562,HeLa,Mouse liver,Rat liver   |
| 细胞定位  | Nucleus, Cytoplasm, Chromosome  |
| 纯化    | 亲和纯化  |

## 抗原信息

|      |  |
|------|--|
| 抗原信息 |  |
|------|--|

## 靶点信息

|       |  |
|-------|--|
| 研究背景  | Regulatory subunit of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex probably introduces positive supercoils into relaxed DNA in the presence of type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases. May target the condensin complex to DNA via its C-terminal domain. May promote the resolution of double-strand DNA catenanes (intertwines between sister chromatids. Condensin-mediated compaction likely increases tension in catenated sister chromatids, providing directionality for type II topoisomerase-mediated strand exchanges toward chromatid decatenation. Required for decatenation of non-centromeric ultrafine DNA bridges during anaphase. Early in neurogenesis, may play an essential role to ensure accurate mitotic chromosome condensation in neuron stem cells, ultimately affecting neuron pool and cortex size. |
| 基因ID  | 9918   |
| 基因名   | NCAPD2   |
| Swiss | Q15021 ( <a href="https://www.uniprot.org/uniprotkb/Q15021/entry">https://www.uniprot.org/uniprotkb/Q15021/entry</a> )   |
| 别名    | NCAPD2 (YD36175),NCAPD2 (YD36175) Rabbit mAb,NCAPD2,Chromosome condensation-related SMC-associated protein 1,Chromosome-associated protein D2,Non-SMC condensin I complex subunit D2,XCAP-D2 homolog,CAPD2,CNAP1,KIAA0159  |

## 产品验证

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn//www.ablybio.cn>)