

# TOP2A Antibody

货号: **AYP4855**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human   |
| 宿主    | Rabbit  |
| 克隆性   | Polyclonal  |
| 预测反应  |   |
| 应用    | WB ELISA  |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000   |
| 理论分子量 | 174kDa/177kDa/178kDa/182kDa   |
| 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  | HeLa,293T   |
| 细胞定位  | Cytoplasm,Nucleus,nucleoplasm   |
| 纯化    | Affinity purification   |

## 抗原信息

|      |   |
|------|---|
| 抗原信息 | Synthesized peptide derived from Human TOP2A. |
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## 靶点信息

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|------|--|
| 研究背景 | This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This nuclear enzyme is involved in processes such as chromosome condensation, chromatid separation, and the relief of torsional stress that occurs during DNA transcription and replication. It catalyzes the transient breaking and rejoining of two strands of duplex DNA which allows the strands to pass through one another, thus altering the topology of DNA. Two forms of this enzyme exist as likely products of a gene duplication event. The gene encoding this form, alpha, is localized to chromosome 17 and the beta gene is localized to chromosome 3. The gene encoding this enzyme functions as the target for several anticancer agents and a variety of mutations in this gene have been associated with the development of drug resistance. Reduced activity of this enzyme may also play a role in ataxia-telangiectasia. |
| 基因ID | 7153   |

|       |                 |
|-------|-----------------|
| 基因名   | TOP2A           |
| Swiss | P11388          |
| 别名    | TOP2A;TOP2;TP2A |

产品验证

实验步骤

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