

— ABLYBIO, Help Your Research



TPX2 Antibody

货号: **AYP5553**

产品信息

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| 反应 | Human,Mouse |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB IHC IF ELISA |
| 推荐浓度 | WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200 |
| 理论分子量 | 85kDa |
| 实测分子量 | |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | A-549 |
| 细胞定位 | Cytoplasm,Nucleus,cytoskeleton,spindle,spindle pole |
| 纯化 | Affinity purification |

抗原信息

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| 抗原信息 | Synthesized peptide derived from Human TPX2. |
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靶点信息

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| 研究背景 | Spindle assembly factor required for normal assembly of mitotic spindles. Required for normal assembly of microtubules during apoptosis. Required for chromatin and/or kinetochore dependent microtubule nucleation. Mediates AURKA localization to spindle microtubules. Activates AURKA by promoting its autophosphorylation at 'Thr-288' and protects this residue against dephosphorylation. TPX2 is inactivated upon binding to importin-alpha. At the onset of mitosis, GOLGA2 interacts with importin-alpha, liberating TPX2 from importin-alpha, allowing TPX2 to activate AURKA kinase and stimulates local microtubule nucleation. |
| 基因ID | 22974 |
| 基因名 | TPX2 |
| Swiss | Q9ULW0 (https://www.uniprot.org/uniprotkb/Q9ULW0/entry) |
| 别名 | DIL2,p100,DIL-2,HCTP4,FLS353,HCA519,REPP86,C20orf1,C20orf2,GD:C20orf1,TPX2,TPX2 Antibody,Differentially expressed in cancerous and non-cancerous lung cells 2,Hepatocellular carcinoma-associated antigen 519,Hepatocellular carcinoma-associated antigen 90,Protein fls353 |

产品验证

实验步骤

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