

Recombinant Human TPX2 protein ab119735

1 图像

描述

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| 产品名称 | 重组人TPX2蛋白 |
| 纯度 | > 80 % SDS-PAGE. The purity was determined to be 80% by densitometry. Affinity purified. |
| 表达系统 | Baculovirus infected Sf9 cells |
| Accession | <u>Q9ULW0</u> |
| 蛋白长度 | Full length protein |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 预测分子量 | 110 kDa including tags |
| 氨基酸 | 1 to 747 |
| 标签 | His tag N-Terminus |

技术指标

Our **Abpromise guarantee** covers the use of **ab119735** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| 应用 | Western blot |
| | SDS-PAGE |
| 形式 | Liquid |

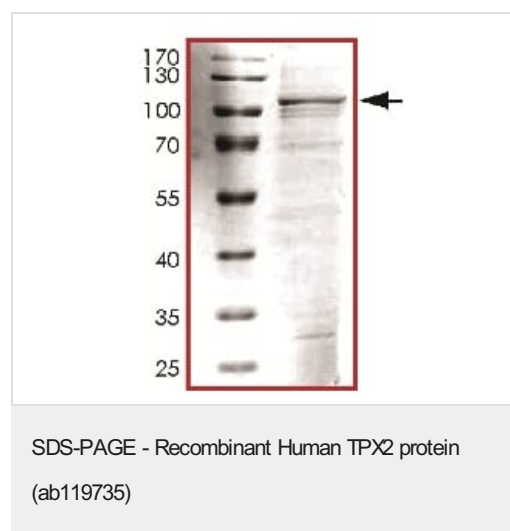
制备和贮存

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| 稳定性和存储 | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.00 Preservative: 1.02% Imidazole Constituents: 0.002% PMSF, 0.7% Sodium phosphate, 0.003% DTT, 25% Glycerol (glycerin, glycerine), 1.75% Sodium chloride |
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常规信息

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|--------------|---|
| 功能 | 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. |
| 组织特异性 | Expressed in lung carcinoma cell lines but not in normal lung tissues. |
| 序列相似性 | Belongs to the TPX2 family. |
| 发展阶段 | Exclusively expressed in proliferating cells from the transition G1/S until the end of cytokinesis. |
| 翻译后修饰 | Phosphorylated upon DNA damage, probably by ATM or ATR. |
| 细胞定位 | Nucleus. Cytoplasm > cytoskeleton > spindle. Cytoplasm > cytoskeleton > spindle pole. During mitosis it is strictly associated with the spindle pole and with the mitotic spindle, whereas during S and G2, it is diffusely distributed throughout the nucleus. Is released from the nucleus in apoptotic cells and is detected on apoptotic microtubules. |

图片



The purity was determined to be >80% by densitometry.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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