

### Recombinant Human TPX2 protein ab119735

画像数 1

#### 製品の詳細

製品名	Recombinant Human TPX2 protein
精製度	> 80 % SDS-PAGE. The purity was determined to be 80% by densitometry. Affinity purified.
発現系	Baculovirus infected Sf9 cells
アクセッション番号	<b><u>Q9ULW0</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
予測される分子量	110 kDa including tags
領域	1 to 747
タグ	His tag N-Terminus

#### 特性

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.

アプリケーション	Western blot SDS-PAGE
製品の状態	Liquid

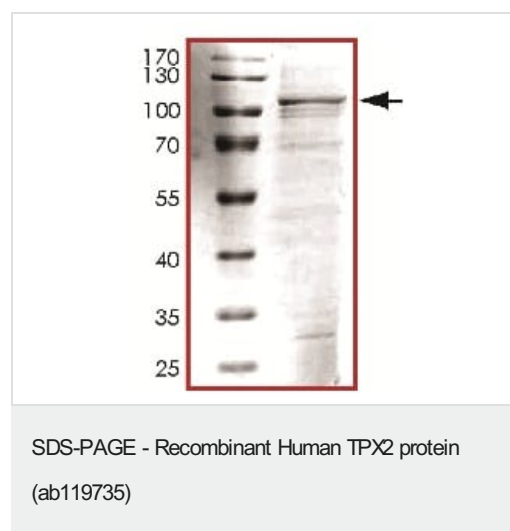
#### 前処理および保存

保存方法および安定性	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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#### 関連情報

<b>機能</b>	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.
<b>組織特異性</b>	Expressed in lung carcinoma cell lines but not in normal lung tissues.
<b>配列類似性</b>	Belongs to the TPX2 family.
<b>発生段階</b>	Exclusively expressed in proliferating cells from the transition G1/S until the end of cytokinesis.
<b>翻訳後修飾</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>細胞内局在</b>	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.

## 画像



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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