

Product datasheet

Recombinant Human CKAP1 protein ab117056

画像数 1

製品の概要

|        |                                 |
|--------|---------------------------------|
| 製品名    | Recombinant Human CKAP1 protein |
| タンパク質長 | Protein fragment                |

製品の詳細

|           |  |
|-----------|--|
| 由来        | Recombinant  |
| 由来        | Wheat germ   |
| アミノ酸配列    |  |
| アクセッション番号 | <a href="#">Q99426</a>   |
| 生物種       | Human  |
| 配列        | SLTIAEFKCKLELLVGSPASCMELELYGVDDKFYSKLDQEDALLGSYPVD<br>DGCRIHVIDHSGARLGEYEDVSRVEKYTISQEAYDQRQDTVRSFLKRSKL |
| 分子量       | 37 kDa including tags  |
| 領域        | 31 to 130  |

特性

Our [Abpromise guarantee](#) covers the use of **ab117056** 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<br>SDS-PAGE<br>ELISA   |
| 製品の状態    | Liquid  |
| 備考       | Protein concentration is above or equal to 0.05 mg/ml.<br>Best used within three months from the date of receipt. |

前処理および保存

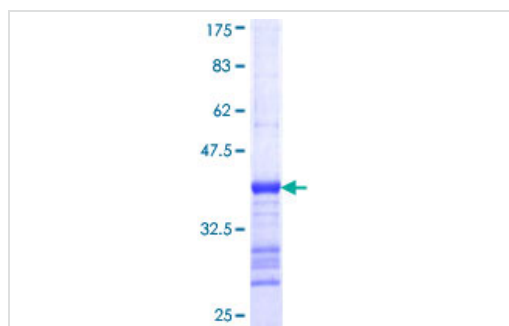
|            |   |
|------------|---|
| 保存方法および安定性 | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.<br>pH: 8.00 |
|------------|---|

Constituents: 0.3% Glutathione, 0.79% Tris HCl

## 関連情報

|       |   |
|-------|---|
| 機能    | Binds to alpha-tubulin folding intermediates after their interaction with cytosolic chaperonin in the pathway leading from newly synthesized tubulin to properly folded heterodimer. Involved in regulation of tubulin heterodimer dissociation. May function as a negative regulator of axonal growth. |
| 組織特異性 | Found in most tissues.  |
| 配列類似性 | Belongs to the TBCB family.<br>Contains 1 CAP-Gly domain.   |
| 翻訳後修飾 | Phosphorylation by PAK1 is required for normal function. Phosphorylated upon DNA damage, probably by ATM or ATR.<br>Ubiquitinated in the presence of GAN which targets it for degradation by the proteasome.  |
| 細胞内局在 | Cytoplasm. Cytoplasm > cytoskeleton. Colocalizes with microtubules. In differentiated neurons, located in the cytoplasm. In differentiating neurons, accumulates at the growth cone.  |

## 画像



12.5% SDS-PAGE showing ab117056 at approximately 36.63 kDa.  
Stained with Coomassie Blue.

SDS-PAGE - CKAP1 protein (Human) (ab117056)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.co.jp/abpromise> or contact our technical team.

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