

# Anti-CKAP1/TBCB antibody ab96101

1 References [画像数 1](#)

医薬用外劇物

### 製品の概要

製品名	Anti-CKAP1/TBCB antibody
製品の詳細	Rabbit polyclonal to CKAP1/TBCB
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P, ICC/IF
種交差性	<b>交差種:</b> Mouse, Human <b>交差が予測される動物種:</b> Rat, Cow 
免疫原	Recombinant fragment corresponding to Human CKAP1/TBCB aa 1-213. Database link: <a href="#">NP_001272</a>
ポジティブ・コントロール	WB: A431, H1299, HeLa and NIH/3T3 whole cell lysates. IHC-P: H1299 xenograft ICC/IF: A549 cells.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

## アプリケーション

### The Abpromise guarantee

**Abpromise保証は、**次のテスト済みアプリケーションにおけるab96101の使用に適用されます

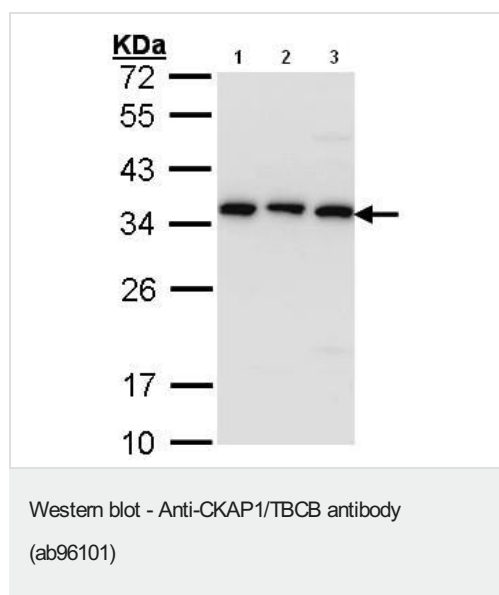
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 27 kDa.
IHC-P		1/100 - 1/500.
ICC/IF		1/100 - 1/1000.

## ターゲット情報

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. 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. 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



**All lanes :** Anti-CKAP1/TBCB antibody (ab96101) at 1/1000 dilution

**Lane 1 :** A431 whole cell lysate

**Lane 2 :** H1299 whole cell lysate

**Lane 3 :** Hela whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 27 kDa

12% SDS PAGE



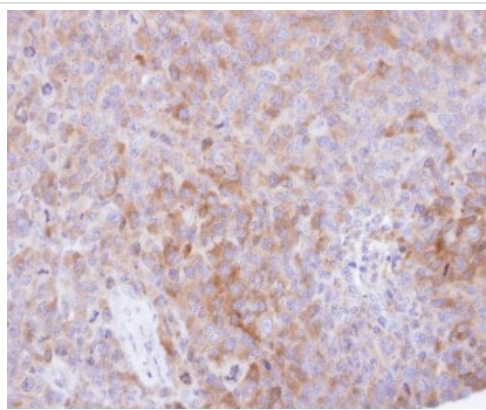
Costained with Hoechst 33342



Methanol-fixed A549 (human lung carcinoma cell line) cells labeling CKAP1/TBCB using ab96101 at 1/500 dilution (green) in ICC/IF.

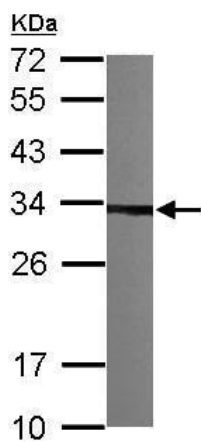
The nuclear counter stain is Hoechst 33342 (blue).

Immunocytochemistry/ Immunofluorescence - Anti-CKAP1/TBCB antibody (ab96101)



ab96101, at a 1/500 dilution, staining CKAP1/TBCB in paraffin embedded H1299 xenograft by Immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CKAP1/TBCB antibody (ab96101)



Anti-CKAP1/TBCB antibody (ab96101) at 1/1000 dilution + NIH/3T3 (mouse embryo fibroblast cell line) whole cell lysate at 30 µg

**Predicted band size:** 27 kDa

Western blot - Anti-CKAP1/TBCB antibody (ab96101)

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

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