


# Anti-CKAP1/TBCB antibody ab96101

**1 References**   **4 图像**

### 概述

产品名称	Anti-CKAP1/TBCB抗体
描述	兔多克隆抗体to CKAP1/TBCB
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Cow 
免疫原	Recombinant fragment corresponding to Human CKAP1/TBCB aa 1-213. Database link: <a href="#">NP_001272</a>
阳性对照	WB: A431, H1299, HeLa and NIH/3T3 whole cell lysates. IHC-P: H1299 xenograft ICC/IF: A549 cells.
常规说明	<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>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab96101于以下的经测试应用

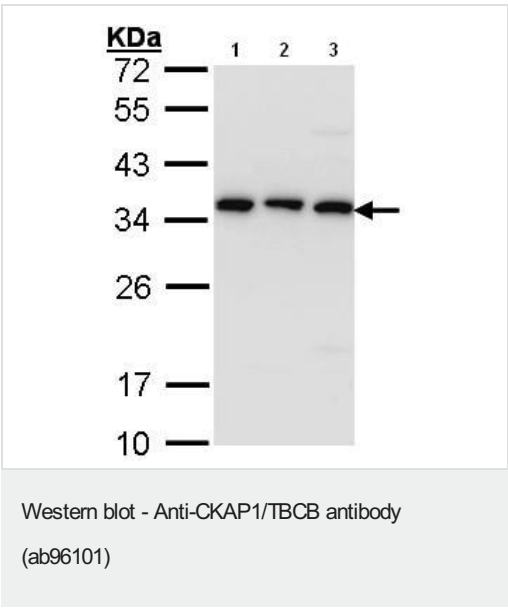
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 27 kDa.
IHC-P		1/100 - 1/500.
ICC/IF		1/100 - 1/1000.

靶标

功能	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.
组织特异性	Found in most tissues.
序列相似性	Belongs to the TBCB family. Contains 1 CAP-Gly domain.
翻译后修饰	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.
细胞定位	Cytoplasm. Cytoplasm > cytoskeleton. Colocalizes with microtubules. In differentiated neurons, located in the cytoplasm. In differentiating neurons, accumulates at the growth cone.

图片



**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



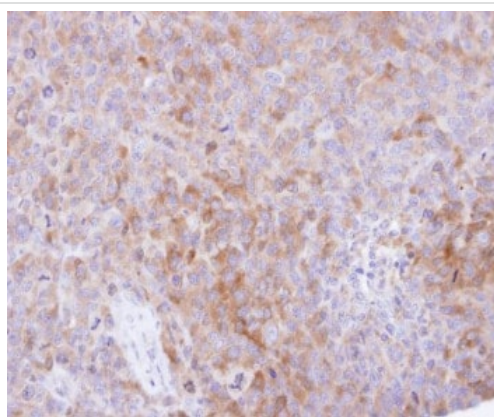
Costained with Hoechst 33342



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

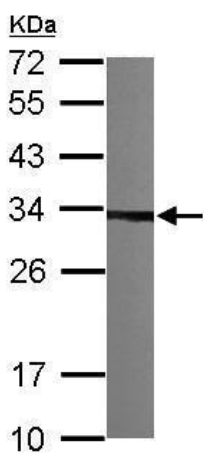
Methanol-fixed A549 (human lung carcinoma cell line) cells labeling CKAP1/TBCB using ab96101 at 1/500 dilution (green) in ICC/IF.

The nuclear counter stain is Hoechst 33342 (blue).



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

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



Western blot - 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  $\mu$ g

**Predicted band size: 27 kDa**

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

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