

Product datasheet

Anti-CKAP1 antibody ab96101

1 References 2 图像

概述

| | |
|-------|--|
| 产品名称 | Anti-CKAP1抗体 |
| 描述 | 兔多克隆抗体to CKAP1 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB, IHC-P |
| 种属反应性 | 与反应: Human 预测可用于: Mouse, Rat, Cow |
| 免疫原 | Recombinant fragment, corresponding to a region within amino acids 1-213 of Human CKAP1 (NP_001272). |
| 阳性对照 | WB: 293T, A431, H1299, HeLa, HepG2, MOLT4 and Raji cell lysates IHC-P: H1299 xenograft |

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 | Preservative: 0.01% Thimerosal (merthiolate) Constituents: 20% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0 |
| 纯度 | Immunogen affinity purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab96101** in the following tested applications.

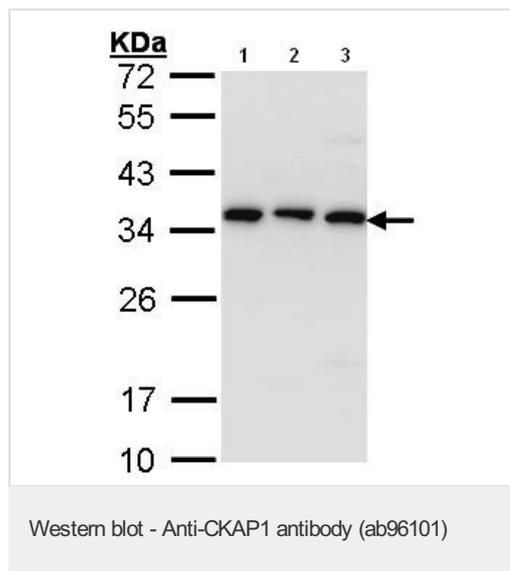
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

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



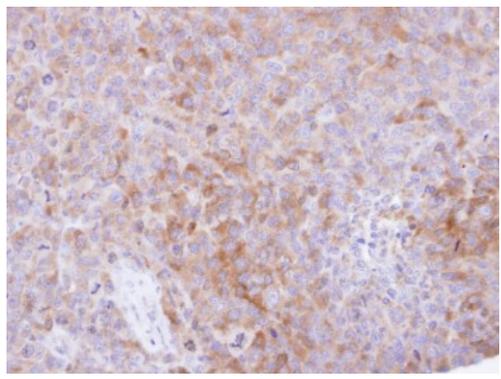
All lanes : Anti-CKAP1 antibody (ab96101)
at 1/1000 dilution

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



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

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

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