

# Anti-14-3-3 sigma/SFN antibody ab151504

## 5 图像

### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-14-3-3 sigma/SFN抗体   |
| 描述    | 兔多克隆抗体to 14-3-3 sigma/SFN   |
| 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, Rat, Human  |
| 免疫原   | Synthetic peptide corresponding to Human 14-3-3 sigma/SFN aa 154-247.<br>Database link: <a href="#">P31947</a>  |
| 阳性对照  | 293T, A431, HeLa, HepG2, Neuro2A, GL261 and PC12 whole cell lysates; A431 cells; Human 59T xenograft tissue.  |
| 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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.                               |
| 存储溶液 | pH: 7.00<br>Preservative: 0.01% Thimerosal (merthiolate)<br>Constituents: 79.99% PBS, 20% 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ab151504于以下的经测试应用

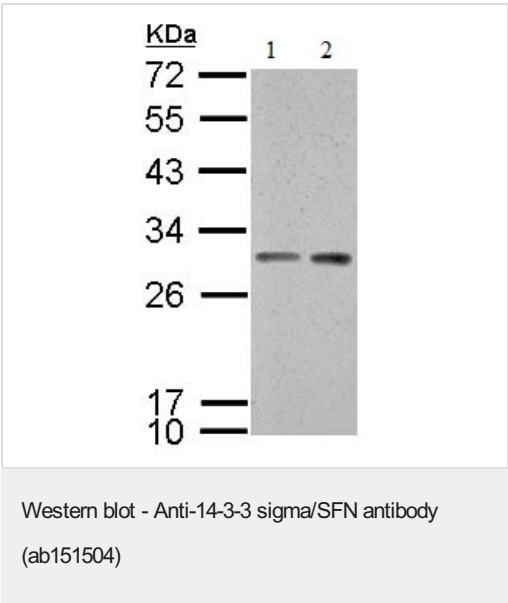
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用     | Ab评论 | 说明   |
|--------|------|--|
| WB     |      | 1/500 - 1/3000. Predicted molecular weight: 27 kDa.  |
| IHC-P  |      | 1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Or perform heat mediated retrieval with Tris-EDTA buffer pH 8 |
| ICC/IF |      | 1/100 - 1/1000.  |

靶标

|       |   |
|-------|---|
| 功能    | Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. When bound to KRT17, regulates protein synthesis and epithelial cell growth by stimulating Akt/mTOR pathway. May also regulate MDM2 autoubiquitination and degradation and thereby activate p53/TP53. p53-regulated inhibitor of G2/M progression. |
| 组织特异性 | Present mainly in tissues enriched in stratified squamous keratinizing epithelium.  |
| 序列相似性 | Belongs to the 14-3-3 family.   |
| 翻译后修饰 | Ubiquitinated. Ubiquitination by RFFL induces proteasomal degradation and indirectly regulates p53/TP53 activation.   |
| 细胞定位  | Cytoplasm. Nucleus. Secreted. May be secreted by a non-classical secretory pathway.   |

图片



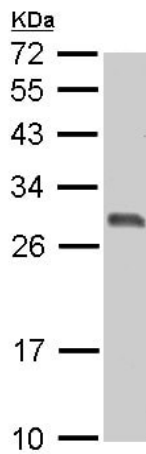
**All lanes :** Anti-14-3-3 sigma/SFN antibody (ab151504) at 1/3000 dilution

**Lane 1 :** Neuro2A whole cell lysate  
**Lane 2 :** GL261 whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 27 kDa

12% SDS PAGE

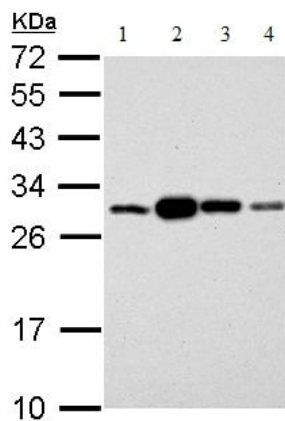


Western blot - Anti-14-3-3 sigma/SFN antibody (ab151504)

Anti-14-3-3 sigma/SFN antibody (ab151504) at 1/3000 dilution + PC12 whole cell lysate at 30 µg

**Predicted band size:** 27 kDa

12% SDS PAGE



Western blot - Anti-14-3-3 sigma/SFN antibody (ab151504)

**All lanes :** Anti-14-3-3 sigma/SFN antibody (ab151504) at 1/3000 dilution

**Lane 1 :** 293T whole cell lysate

**Lane 2 :** A431 whole cell lysate

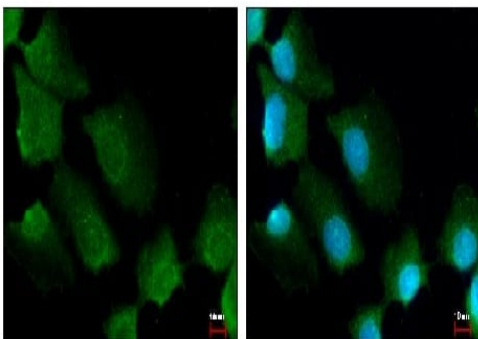
**Lane 3 :** HeLa whole cell lysate

**Lane 4 :** HepG2 whole cell lysate

Lysates/proteins at 30 µg per lane.

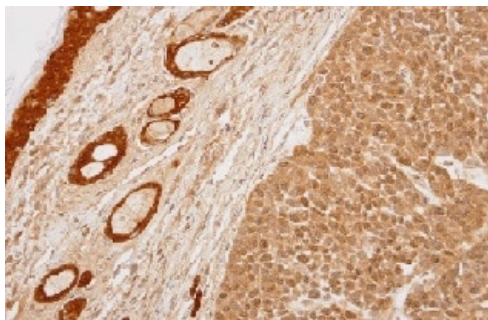
**Predicted band size:** 27 kDa

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Immunocytochemistry/ Immunofluorescence - Anti-14-3-3 sigma/SFN antibody (ab151504)

Immunofluorescent analysis of A431 cells (fixed in ice-cold Methanol for 5 min), labeling 14-3-3 sigma/SFN with ab151504 at 1/500 dilution. The right image shows cells co-stained with Hoechst 33343.



Immunohistochemical analysis of paraffin-embedded Human 59T xenograft tissue, labeling 14-3-3 sigma/SFN with ab151504 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-14-3-3 sigma/SFN antibody (ab151504)

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

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