


### Anti-14-3-3 antibody [EPR6380] ab125032

**重组 RabMAb**

#### 3 图像

#### 概述

|              |  |
|--------------|--|
| <b>产品名称</b>  | Anti-14-3-3抗体[EPR6380]   |
| <b>描述</b>    | 兔单克隆抗体[EPR6380] to 14-3-3  |
| <b>宿主</b>    | Rabbit   |
| <b>经测试应用</b> | <b>适用于:</b> WB<br><b>不适用于:</b> Flow Cyt, ICC/IF, IHC-P or IP   |
| <b>种属反应性</b> | <b>与反应:</b> Human<br><b>预测可用于:</b> Mouse, Rat   |
| <b>免疫原</b>   | Synthetic peptide within Human 14-3-3 aa 200-300. The exact sequence is proprietary.   |
| <b>阳性对照</b>  | HeLa, SH-SY5Y, Raji and HepG2 whole cell lysate ( <b>ab7900</b> ), WB: 14-3-3 beta/gamma/epsilon/zeta/eta/theta/sigma Human Recombinant Protein  |
| <b>常规说明</b>  | This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> .<br>Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> . |

#### 性能

|             |   |
|-------------|---|
| <b>形式</b>   | Liquid  |
| <b>存放说明</b> | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.  |
| <b>存储溶液</b> | pH: 7.20<br>Preservative: 0.01% Sodium azide<br>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant |
| <b>纯度</b>   | Protein A purified  |
| <b>克隆</b>   | 单克隆   |

克隆编号                                   EPR6380  
同种型                                       lgG

## 应用

**The Abpromise guarantee**            **Abpromise™**承诺保证使用ab125032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 |      | 1/1000 - 1/10000. Detects a band of approximately 27 kDa (predicted molecular weight: 28 kDa). |

**应用说明**                                   Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

## 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. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2.

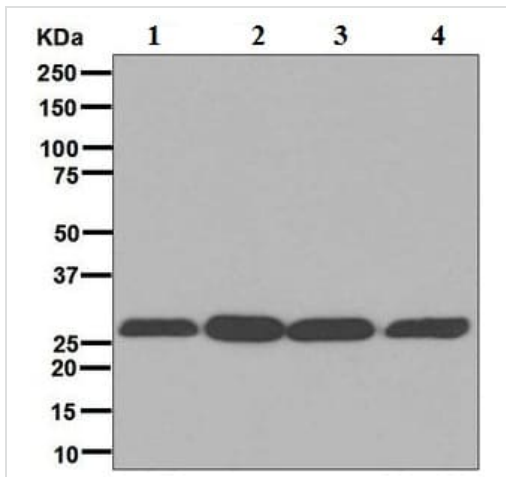
**序列相似性**                                Belongs to the 14-3-3 family.

**翻译后修饰**                                The alpha, brain-specific form differs from the beta form in being phosphorylated (By similarity). Phosphorylated on Ser-60 by protein kinase C delta type catalytic subunit in a sphingosine-dependent fashion.

Isoform Short contains a N-acetylmethionine at position 1.

**细胞定位**                                  Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

## 图片



Western blot - Anti-14-3-3 antibody [EPR6380] (ab125032)

**All lanes :** Anti-14-3-3 antibody [EPR6380] (ab125032) at 1/1000 dilution

**Lane 1 :** HeLa cell lysate

**Lane 2 :** SH-SY5Y cell lysate

**Lane 3 :** Raji cell lysate

**Lane 4 :** HepG2 cell lysate

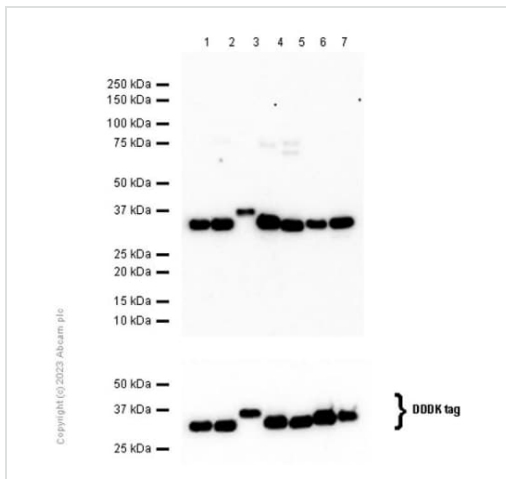
Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** HRP labelled goat anti rabbit at 1/2000 dilution

**Predicted band size:** 28 kDa

**Observed band size:** 27 kDa



Western blot - Anti-14-3-3 antibody [EPR6380] (ab125032)

**All lanes :** Anti-14-3-3 antibody [EPR6380] (ab125032) at 1/1000 dilution

**Lane 1 :** 14-3-3 beta (YWHAB) Human Recombinant Protein 10 ng, with DDDK tagged

**Lane 2 :** 14-3-3 gamma (YWHAG) Human Recombinant Protein 10 ng, with DDDK tagged

**Lane 3 :** 14-3-3 epsilon (YWHAE) Human Recombinant Protein 10 ng, with DDDK tagged

**Lane 4 :** 14-3-3 zeta (YWHAZ) Human Recombinant Protein 10 ng, with DDDK tagged

**Lane 5 :** 14-3-3 eta (YWHAH) Human Recombinant Protein 10 ng, with DDDK tagged

**Lane 6 :** 14-3-3 theta (YWHAQ) Human Recombinant Protein 10 ng, with DDDK tagged

**Lane 7 :** 14-3-3 sigma (SFN) Human Recombinant Protein 10 ng, with DDDK tagged

**Secondary**

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 28 kDa

**Observed band size:** 28 kDa

**Exposure time:** 60 seconds

Blocking and diluting buffer: 5% NFDM/TBST

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-14-3-3 antibody [EPR6380] (ab125032)

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

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