

Product datasheet

Anti-CDKN2A/p14ARF antibody ab53031

1 图像

概述

|       |  |
|-------|--|
| 产品名称  | Anti-CDKN2A/p14ARF抗体                             |
| 描述    | 兔多克隆抗体to CDKN2A/p14ARF                           |
| 宿主    | Rabbit   |
| 特异性   | Detects enogenous levels of total p14ARF protein |
| 经测试应用 | 适用于: WB, ELISA                                   |
| 种属反应性 | 与反应: Human                                       |
| 免疫原   | Synthetic peptide (Human)                        |
| 阳性对照  | HeLa cell extract                                |

性能

|      |   |
|------|---|
| 形式   | Liquid  |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.   |
| 存储溶液 | Preservative: 0.02% Sodium Azide<br>Constituents: 50% Glycerol, PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150mM Sodium chloride, pH 7.4 |
| 纯度   | Immunogen affinity purified   |
| 克隆   | 多克隆   |
| 同种型  | IgG   |

应用

Our [Abpromise guarantee](#) covers the use of **ab53031** in the following tested applications.

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

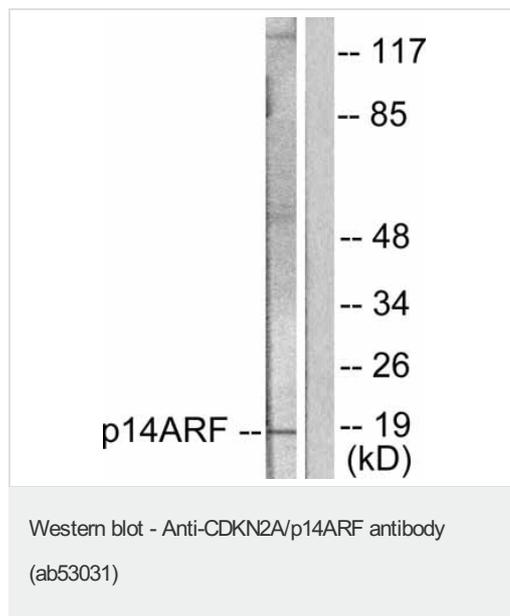
| 应用    | Ab评论 | 说明   |
|-------|------|--|
| WB    |      | 1/500 - 1/1000. Detects a band of approximately 18 kDa (predicted molecular weight: 18 kDa). |
| ELISA |      | 1/5000.  |

## 靶标

**相关性** The gene for CDK2NA generates several transcripts/proteins which differ from each other in their first exons. Three of these transcripts are generated by alternative splicing (isoform 1 a.k.a p16INK4A, isoform 2 and isoform 3 a.k.a p12), two of which are known to function as inhibitors of CDK4 kinase. One other transcript that is generated from this gene contains an alternate reading frame (ARF), with the first exon located 20kb upstream of the remainder of the gene(isoform 4 a.k.a. p14ARF, p19ARF, ARF). In spite of the structural and some functional differences, all the proteins encoded by the CDKN2A gene are involved in cell cycle G1 control.

**细胞定位** Cytoplasmic and Nuclear

## 图片



**All lanes** : Anti-CDKN2A/p14ARF antibody (ab53031) at 1/500 dilution

**Lane 1** : HeLa cell extract

**Lane 2** : HeLa cell extract with peptide

**Predicted band size:** 18 kDa

**Observed band size:** 18 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors