

## Product datasheet

# Anti-CDKN2A/p14ARF antibody ab470

8 References [画像数 3](#)

### 製品の概要

製品名	Anti-CDKN2A/p14ARF antibody
製品の詳細	Rabbit polyclonal to CDKN2A/p14ARF
由来種	Rabbit
特異性	Specific for p14ARF.
アプリケーション	<b>適用あり:</b> WB, ICC/IF
種交差性	<b>交差種:</b> Human
ポジティブ・コントロール	BT549 cells, HeLa whole cell extract

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	PBS with 0.05% sodium azide
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab470** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 15 kDa (predicted molecular weight: 14 kDa).
ICC/IF		1/100.

### ターゲット情報

関連性

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.

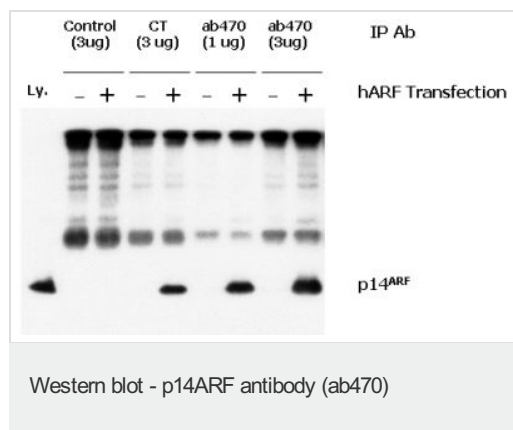
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画像

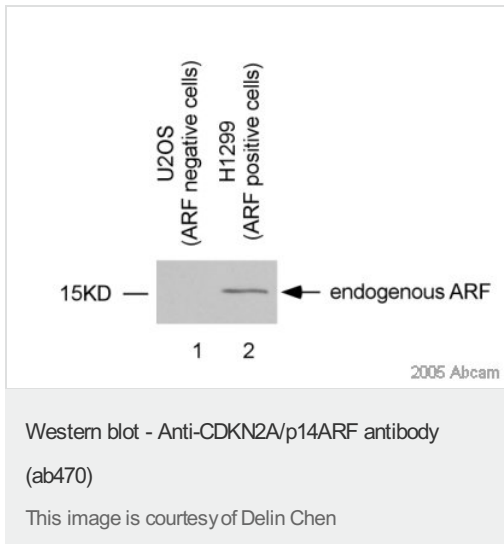


ab470 diluted 1:267 (7.5 µg/ml) and used on NARF6 cells induced with 1 mM IPTG for 24 hrs to induce p14 ARF.



ab470 used at 1 µg/ml with ECL on human cells transfected with p14ARF construct.

ab470 used at 1 µg/ml with ECL on human cells transfected with p14ARF construct.



**All lanes :** Anti-CDKN2A/p14ARF antibody (ab470) at 1/400 dilution

**Lane 1 :** Lysate from ARF negative U2OS cells

**Lane 2 :** Lysate from ARF positive H1299 cells

**Predicted band size:** 14 kDa

**Observed band size:** 15 kDa

The picture shows Western blot using cell lysate from U2OS cells (ARF negative cells, lane 1) and H1299 cells (ARF positive cells, lane 2) stained with ab470 at a dilution of 1/400.

This image was kindly supplied as part of the review submitted by Delin Chen.

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