


### Anti-Rif1 antibody ab13422

★★★★☆ [1 Abreviews](#) [9 References](#) [1 图像](#)

#### 概述

产品名称	Anti-Rif1抗体
描述	兔多克隆抗体to Rif1
宿主	Rabbit
特异性	The immunogen sequence for ab13422 represents the C-terminal end of mouse Rif1, mouse telomere-associated protein RIF1 and mouse Rap1-interacting factor.
经测试应用	<b>适用于:</b> IP, ELISA, WB
种属反应性	<b>与反应:</b> Mouse <b>预测可用于:</b> Rat, Cow, Dog, Human 
免疫原	Synthetic peptide corresponding to Mouse Rif1 aa 2405-2419 (C terminal) conjugated to keyhole limpet haemocyanin. Sequence: C-RNLQSRWRSPAHEHS

Database link: [Q6PR54](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

#### 常规说明

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.

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&As

#### 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: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride
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ab13422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
IP		
ELISA		
WB	★★★★☆ (1)	

## 应用说明

ELISA: 1/5000 - 1/40000.

IP: Use at an assay dependent dilution (PMID 19000314).

WB: 1/500 - 1/3000. Detects a band of approximately 265 kDa (predicted molecular weight: 265 kDa).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## 靶标

### 功能

Required for checkpoint mediated arrest of cell cycle progression in response to DNA damage during S-phase (the intra-S-phase checkpoint). This checkpoint requires activation of at least 2 parallel pathways by the ATM kinase: one involves the MRN (MRE11A-RAD50-NBS1) complex, while the second requires CHEK2. RIF1 seems to act independently of both these pathways. Seems to play no role in either the G1/S or G2/M DNA damage checkpoints.

### 组织特异性

Highly expressed in testis.

### 发展阶段

Expression peaks in late G2/S phase of the cell cycle.

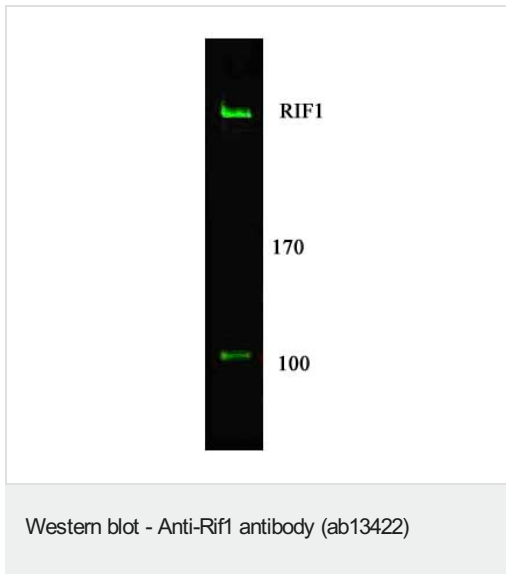
### 翻译后修饰

Phosphorylated upon DNA damage, probably by ATM or ATR.

### 细胞定位

Nucleus. Chromosome > telomere. Cytoplasm > cytoskeleton > spindle. Exhibits ATM- and TP53BP1-dependent localization to uncapped or aberrant telomeres and to DNA double strand breaks (DSBs). Does not associate with normal telomere structures. Localizes to microtubules of the midzone of the mitotic spindle during anaphase, and to condensed chromosomes in telophase.

## 图片



Anti-Rif1 antibody (ab13422) at 1 µg/ml + 25 ug of MEF whole cell lysate

**Secondary**

IRDye™800 conjugated goat anti rabbit IgG (H&L) incubated for 45 minutes at 1/10000 dilution

**Predicted band size:** 265 kDa

**Additional bands at:** 100 kDa. We are unsure as to the identity of these extra bands.

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

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