

### Anti-FAN1 antibody ab68572

★★★★★ [1 Abreviews](#) [2 References](#) [画像数 2](#)

#### 製品の概要

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製品名	Anti-FAN1 antibody
製品の詳細	Mouse polyclonal to FAN1
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Human
免疫原	Recombinant full length protein within Human FAN1. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b>contact</b> our Scientific Support team to discuss your requirements.
ポジティブ・コントロール	Human spleen lysate. MTMR15 transfected 293T cell lysate.
特記事項	<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>

#### 製品の特性

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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	pH: 7.40 Constituent: 100% PBS
精製度	Protein A 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

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## The Abpromise guarantee

**Abpromise保証は、次のテスト済みアプリケーションにおけるab68572の使用に適用されず**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/500 - 1/1000. Detects a band of approximately 114 kDa (predicted molecular weight: 114 kDa).

## ターゲット情報

### 機能

Nuclease required for maintenance of chromosomal stability. Plays a key role in DNA repair of DNA interstrand cross-links (ICL) by being recruited to sites of DNA damage by monoubiquitinated FANCD2. Specifically involved in repair of ICL-induced DNA breaks by being required for efficient homologous recombination, possibly in the resolution of homologous recombination intermediates. Not involved in DNA double-strand breaks resection. Has both endonuclease activity toward 5'-flaps and 5'-exonuclease activity: may act in concert with the 3'-flap-specific enzymes to unhook the ICL by cleaving the lagging-strand template.

### 配列類似性

Belongs to the FAN1 family.  
Contains 1 UBZ-type zinc finger.  
Contains 1 VRR-NUC domain.

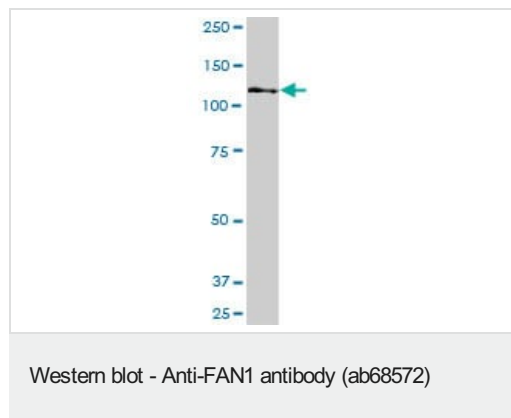
### ドメイン

The UBZ-type zinc finger specifically binds monoubiquitinated FANCD2.

### 細胞内局在

Nucleus. Localizes at sites of DNA damage following recruitment by monoubiquitinated FANCD2.

## 画像



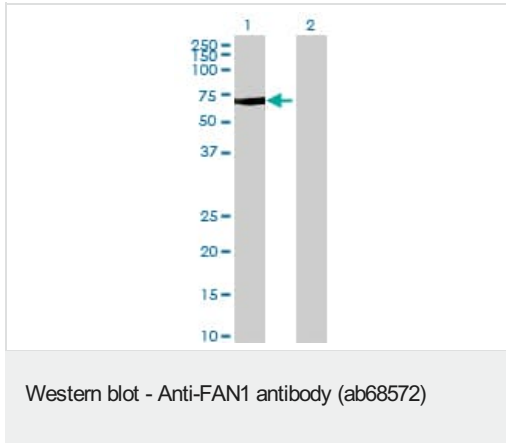
Anti-FAN1 antibody (ab68572) at 1/500 dilution + Human spleen lysate at 25 µg

### Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

**Predicted band size:** 114 kDa

**Observed band size:** 114 kDa



**All lanes :** Anti-FAN1 antibody (ab68572) at 1/500 dilution

**Lane 1 :** MTMR15 transfected 293T cell lysate

**Lane 2 :** Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

**Secondary**

**All lanes :** Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

**Predicted band size:** 114 kDa

**Observed band size:** 70 kDa

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

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