


### Anti-TTC11/FIS1 antibody ab96764

★★★★★ **2 Abreviews**   **21 References**   画像数 **3**

#### 製品の概要

製品名	Anti-TTC11/FIS1 antibody
製品の詳細	Rabbit polyclonal to TTC11/FIS1
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ICC/IF, WB, IHC-P
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat, Cow 
免疫原	Recombinant fragment corresponding to Human TTC11/FIS1 aa 1-122. Database link: <a href="#"><b>NP_057152</b></a>
ポジティブ・コントロール	Raji whole cell lysate; NCIN87 xenograft; 293T, HeLa and Molt-4 lysates
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

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: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
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

## 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ab96764の使用に適用されます**

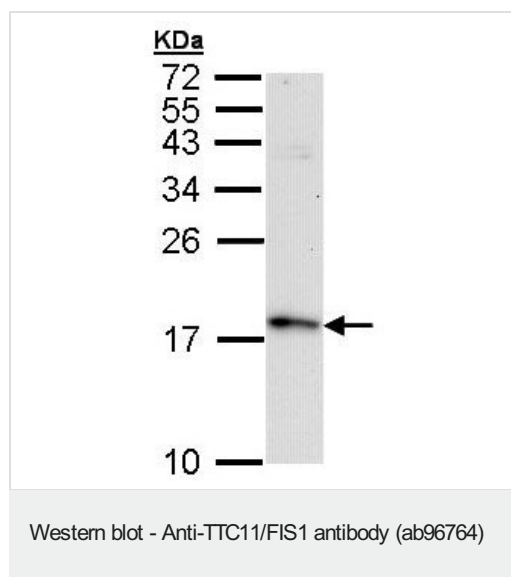
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★★ (1)	Use a concentration of 1 µg/ml.
WB	★★★★☆ (1)	1/500 - 1/3000. Predicted molecular weight: 17 kDa.
IHC-P		1/100 - 1/500.

## ターゲット情報

機能	Promotes the fragmentation of the mitochondrial network and its perinuclear clustering. Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis. Also mediates peroxisomal fission.
配列類似性	Belongs to the FIS1 family. Contains 1 TPR repeat.
ドメイン	The C-terminus is required for mitochondrial or peroxisomal localization, while the N-terminus is necessary for mitochondrial or peroxisomal fission, localization and regulation of the interaction with DNM1L.
翻訳後修飾	Ubiquitinated by MARCH5.
細胞内局在	Mitochondrion outer membrane. Peroxisome membrane.

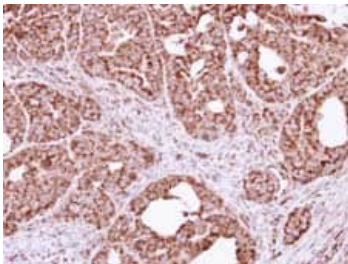
## 画像



Anti-TTC11/FIS1 antibody (ab96764) at 1/10000 dilution + Raji whole cell lysate at 30 µg

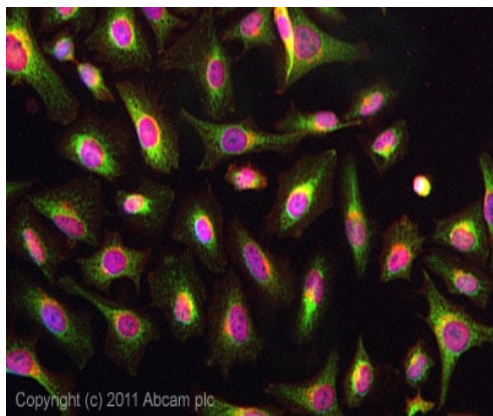
**Predicted band size:** 17 kDa

15% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TTC11/FIS1 antibody (ab96764)

Immunohistochemical analysis of TTC11/FIS1 in paraffin-embedded NCIN87 xenograft, using ab96764 antibody at 1/100 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-TTC11/FIS1 antibody (ab96764)

ICC/IF image of ab96764 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab96764, 1µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

### 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.co.jp/abpromise> or contact our technical team.

## Terms and conditions

---

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