


Product datasheet

Anti-TTC11/FIS1 antibody ab71498

★★★★☆ [3 Abreviews](#) [70 References](#) [1 Image](#)

Overview

Product name	Anti-TTC11/FIS1 antibody
Description	Rabbit polyclonal to TTC11/FIS1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Jurkat cell lysates
General notes	<p>This product is manufactured by BioVision, an Abcam company and was previously called 3491R Fis1 Polyclonal Antibody.</p> <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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 0.5% BSA, 30% Glycerol (glycerin, glycerine), PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab71498 in the following tested applications.

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

Application	Abreviews	Notes
WB	★★★★☆ (2)	Use a concentration of 1 - 4 µg/ml. Detects a band of approximately 17 kDa (predicted molecular weight: 17 kDa).

Target

Function

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.

Sequence similarities

Belongs to the FIS1 family.
Contains 1 TPR repeat.

Domain

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.

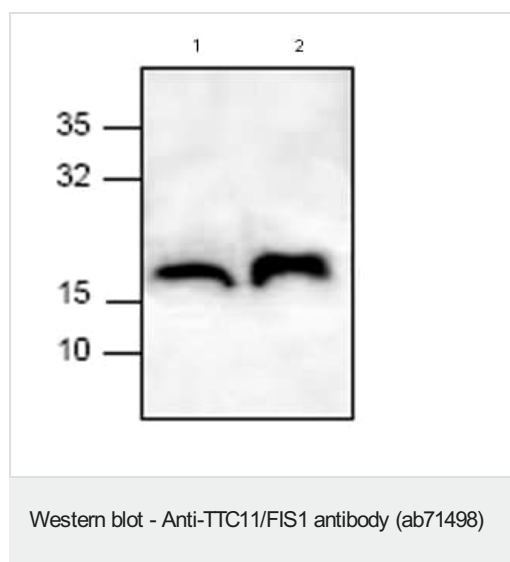
Post-translational modifications

Ubiquitinated by MARCH5.

Cellular localization

Mitochondrion outer membrane. Peroxisome membrane.

Images



All lanes : Anti-TTC11/FIS1 antibody (ab71498) at 1 µg/ml

All lanes : Jurkat cell lysates

Predicted band size: 17 kDa

Observed band size: 17 kDa

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

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- Response to your inquiry within 24 hours
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