



[Go to Product page](#)

Datasheet for ABIN6943470  
**anti-Fission 1 antibody**

### Overview

Quantity:	100 µL
Target:	Fission 1 (FIS1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Fission 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	Synthetic peptide corresponding to N-terminal Human TTC11.
Clone:	4A8
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	Fission 1 (FIS1)
Alternative Name:	FIS1 ( <a href="#">FIS1 Products</a> )

## Target Details

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Background:	Synonyms: Mitochondrial fission 1 protein, Tetratricopeptide repeat protein 11, hFis1, TPR repeat protein 11, FIS1, TTC11 Background: Involved in the fragmentation of the mitochondrial network and its perinuclear clustering. Plays a minor role in the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface and mitochondrial fission. Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis. Also mediates peroxisomal fission.
Gene ID:	51024
UniProt:	<a href="#">Q9Y3D6</a>
Pathways:	<a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

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Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months