

FIS1 Antibody

Catalog No: #33067



Package Size: #33067-1 50ul #33067-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

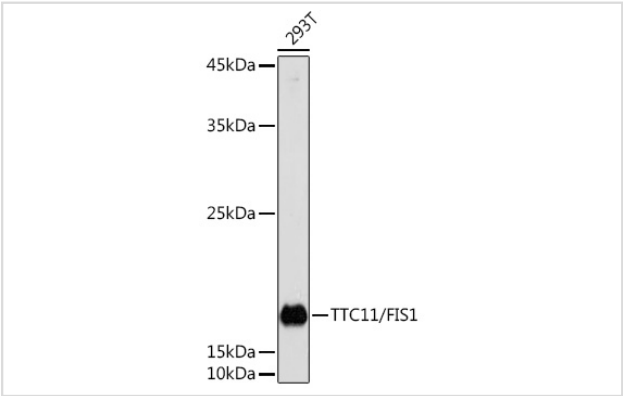
Description

Product Name	FIS1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total FIS1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human TTC11/FIS1 (NP_057152.2).
Conjugates	Unconjugated
Target Name	FIS1
Other Names	CGI-135;TTC11;FIS1;TTC11 / FIS1;fission
Accession No.	Uniprot:Q9Y3D6GeneID:51024
SDS-PAGE MW	17KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

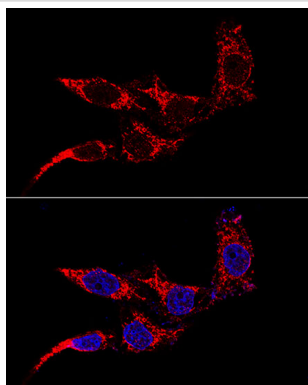
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

Images



Western blot analysis of extracts of 293T cells, using TTC11/FIS1 Rabbit pAb.



Confocal immunofluorescence analysis of HeLa cells using TTC11/FIS1 antibody.

Background

The balance between fission and fusion regulates the morphology of mitochondria. TTC11 is a component of a mitochondrial complex that promotes mitochondrial fission (James et al., 2003 [PubMed 12783892]).[supplied by OMIM, Mar 2008]

Published Papers

Dejun Xu;Lin Wu;Xiaohan Jiang;Li Yang;Jianyong Cheng;Huali Chen;Rongmao Hua;Guoxia Geng;Lulu Yang;Qingwang Li et al., SIRT2 Inhibition Results in Meiotic Arrest, Mitochondrial Dysfunction, and Disturbance of Redox Homeostasis during Bovine Oocyte Maturation., , (2019)

[PMID:30889926](#)

Luo Mengliu;Yuan Qianhua;Xie Yutong;Mai Meiqing;Song Wanhan;Wang Ya;Shi Haimei;Xia Enqin;Guo Honghui et al., Yo-Yo Dieting Delays Male *Drosophila melanogaster* Aging Through Enhanced Mitochondrial Function, Relative to Sustained High-Calorie Diet Feeding, , (2024)

[PMID:](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.