

FIS1 Antibody

Catalog No: #33067

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

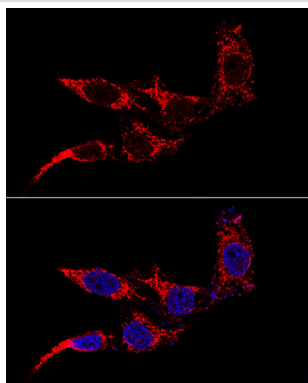
Description

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.

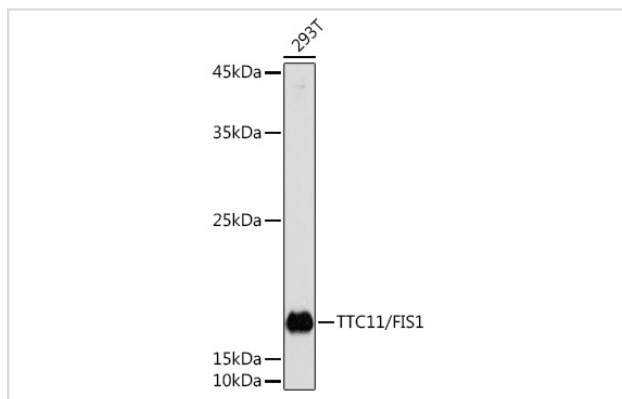
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

Images



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



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

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.