

TTC11 Antibody
Rabbit mAb
Catalog # AP92009

Specification

TTC11 Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	O9Y3D6
Clonality	Monoclonal
Other Names	
CGI135; FIS1; hFis1; TTC 11;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	16938 Da

TTC11 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TTC11
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

TTC11 Antibody - Protein Information

Name FIS1

Synonyms TTC11

Function

Involved in the fragmentation of the mitochondrial network and its perinuclear clustering (PubMed: [12783892](http://www.uniprot.org/citations/12783892), PubMed: [12861026](http://www.uniprot.org/citations/12861026), PubMed: [14996942](http://www.uniprot.org/citations/14996942), PubMed: [23283981](http://www.uniprot.org/citations/23283981)). 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 (PubMed: [12861026](http://www.uniprot.org/citations/12861026), PubMed: [16118244](http://www.uniprot.org/citations/16118244), PubMed: [16118244](http://www.uniprot.org/citations/16118244)).

<http://www.uniprot.org/citations/23283981> target="_blank">23283981, PubMed:23530241, PubMed:24196833). May not be essential for the assembly of functional fission complexes and the subsequent membrane scission event (PubMed:23530241, PubMed:24196833). Also mediates peroxisomal fission (PubMed:16107562). May act when the products of fission are directed toward mitochondrial homeostasis, mitophagy, or apoptosis (PubMed:24196833). Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis (PubMed:12783892).

Cellular Location

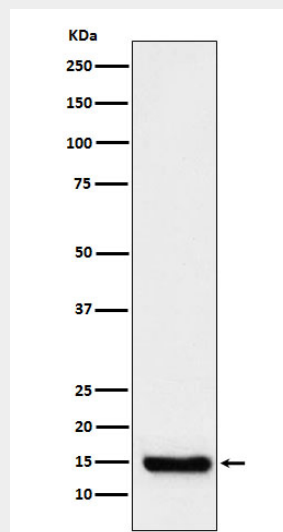
Mitochondrion outer membrane; Single-pass membrane protein. Peroxisome membrane; Single-pass membrane protein

TTC11 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TTC11 Antibody - Images



Western blot analysis of TTC11 expression in Raji cell lysate.