

Mitochondrial Fission 1 Protein Rabbit mAb
Catalog # AP78101**Specification****Mitochondrial Fission 1 Protein Rabbit mAb - Product Information**

Application	WB
Primary Accession	Q9Y3D6
Reactivity	Human, Bovine
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	16938

Mitochondrial Fission 1 Protein Rabbit mAb - Additional Information

Gene ID 51024

Other Names

FIS1

Dilution

WB~~1/500-1/1000

Format

Liquid

Mitochondrial Fission 1 Protein Rabbit mAb - 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: [23283981](http://www.uniprot.org/citations/23283981), PubMed: [23530241](http://www.uniprot.org/citations/23530241), PubMed: [24196833](http://www.uniprot.org/citations/24196833)). May not be essential for the assembly of functional fission complexes and the subsequent membrane scission event (PubMed: [23530241](http://www.uniprot.org/citations/23530241), PubMed: [24196833](http://www.uniprot.org/citations/24196833)). Also mediates peroxisomal fission (PubMed: [24196833](http://www.uniprot.org/citations/24196833)).

[16107562](http://www.uniprot.org/citations/16107562)). May act when the products of fission are directed toward mitochondrial homeostasis, mitophagy, or apoptosis (PubMed: [24196833](http://www.uniprot.org/citations/24196833)). Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis (PubMed: [12783892](http://www.uniprot.org/citations/12783892)).

Cellular Location

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

Mitochondrial Fission 1 Protein Rabbit mAb - 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](#)

Mitochondrial Fission 1 Protein Rabbit mAb - Images

