

**Mitofilin Antibody**  
Rabbit mAb  
Catalog # AP90972

## Specification

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### Mitofilin Antibody - Product Information

Application	WB, IHC, FC, ICC
Primary Accession	<a href="#">Q16891</a>
Reactivity	Human
Clonality	Monoclonal

#### Other Names

Cell proliferation-inducing gene 4/52 protein; Heart muscle protein; HMP; IMMT; p87/89; pig4; PIG52;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	83678 Da

### Mitofilin Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Mitofilin
Description	Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed:22114354, PubMed:25781180).
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.

### Mitofilin Antibody - Protein Information

**Name** IMMT

**Synonyms** HMP, MIC60, MINOS2

#### Function

Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane (PubMed:<a

<http://www.uniprot.org/citations/22114354> target="\_blank">22114354</a>, PubMed:<a href="http://www.uniprot.org/citations/25781180" target="\_blank">25781180</a>, PubMed:<a href="http://www.uniprot.org/citations/32567732" target="\_blank">32567732</a>, PubMed:<a href="http://www.uniprot.org/citations/33130824" target="\_blank">33130824</a>). Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed:<a href="http://www.uniprot.org/citations/22114354" target="\_blank">22114354</a>, PubMed:<a href="http://www.uniprot.org/citations/25781180" target="\_blank">25781180</a>, PubMed:<a href="http://www.uniprot.org/citations/32567732" target="\_blank">32567732</a>, PubMed:<a href="http://www.uniprot.org/citations/33130824" target="\_blank">33130824</a>).

### Cellular Location

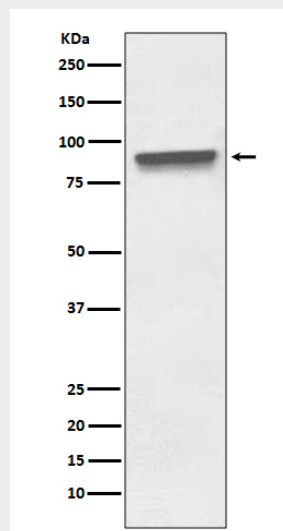
Mitochondrion inner membrane; Single-pass membrane protein. Mitochondrion

### Mitofilin 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](#)

### Mitofilin Antibody - Images



Western blot analysis of Mitofilin expression in HeLa cell lysate.