

# Mitofilin Antibody

Rabbit mAb

Catalog # AP90972

## Product Information

<b>Application</b>	WB, IHC, FC, ICC
<b>Primary Accession</b>	<a href="#">Q16891</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	Cell proliferation-inducing gene 4/52 protein; Heart muscle protein; HMP; IMMT; p87/89; pig4; PIG52;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	83678

## Additional Information

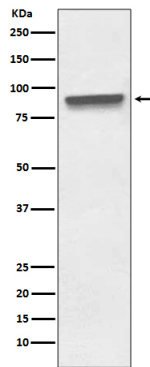
<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Mitofilin
<b>Description</b>	Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that 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).
<b>Storage Condition and Buffer</b>	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.

## Protein Information

<b>Name</b>	IMMT
<b>Synonyms</b>	HMP, MIC60, MINOS2
<b>Function</b>	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 href="#">22114354</a> , PubMed: <a href="#">25781180</a> , PubMed: <a href="#">32567732</a> , PubMed: <a href="#">33130824</a> ). Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed: <a href="#">22114354</a> , PubMed: <a href="#">25781180</a> , PubMed: <a href="#">32567732</a> , PubMed: <a href="#">33130824</a> ).
<b>Cellular Location</b>	Mitochondrion inner membrane; Single-pass membrane protein.

## Images

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Western blot analysis of Mitofilin expression in HeLa cell lysate.

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