

Mitofilin Antibody

Rabbit mAb

Catalog # AP90972

Product Information

Application	WB, IHC, FC, ICC
Primary Accession	Q16891
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

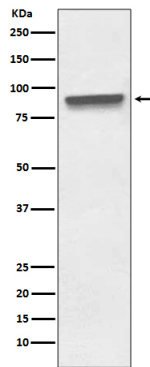
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50
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.

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: 22114354 , PubMed: 25781180 , PubMed: 32567732 , PubMed: 33130824). Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed: 22114354 , PubMed: 25781180 , PubMed: 32567732 , PubMed: 33130824).
Cellular Location	Mitochondrion inner membrane; Single-pass membrane protein.

Images



Western blot analysis of Mitofilin expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.