10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Mitofilin Antibody

Catalog # AP51990

Product Information

Application	WB
Primary Accession	Q16891
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83678

Additional Information

Gene ID	10989
Other Names	HMP; MINOS2; Mitochondrial inner membrane protein; Cell proliferation-inducing gene 4/52 protein; Mitofilin; p87/89
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Mitofilin. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

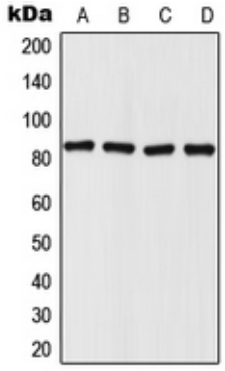
Protein Information

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. Mitochondrion

References

Icho T.,et al.Gene 144:301-306(1994).
Gieffers C.,et al.Exp. Cell Res. 232:395-399(1997).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Kim J.W.,et al.Submitted (FEB-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of Mitofilin expression in HepG2 (A), HeLa (B), SP2/0 (C), PC12 (D) whole cell lysates. (Predicted band size: 83 kD; Observed band size: 90 kD)

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