

Mitofilin Rabbit mAb

Catalog No.: A23530 **Recombinant**

Basic Information

Observed MW

90kDa

Calculated MW

84kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IP

Cross-Reactivity

Human, Mouse

CloneNo number

ARC61198

Background

Enables RNA binding activity. Involved in cristae formation. Located in mitochondrial inner membrane. Part of MICOS complex.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

10989

Swiss Prot

Q16891

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 65-300 of human Mitofilin. (NP_006830.2).

Synonyms

HMP; P87; P89; PIG4; Mic60; PIG52; MINOS2; P87/89; MICOS60; Mitofilin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

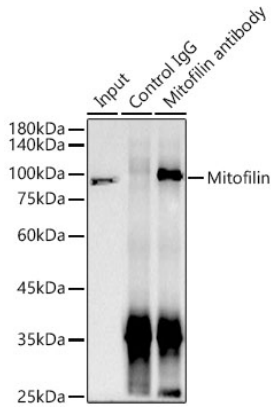
Affinity purification

Storage

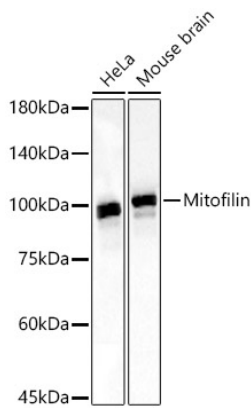
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

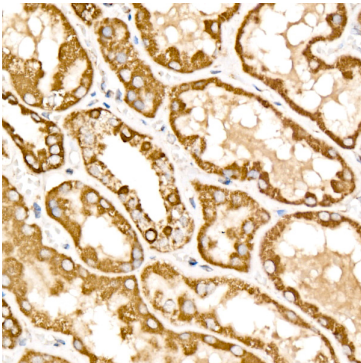
Validation Data



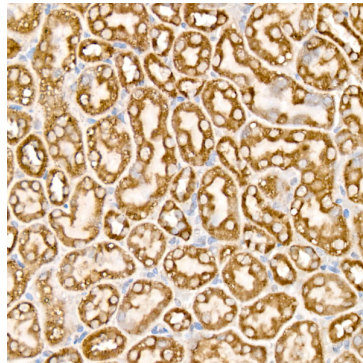
Immunoprecipitation analysis of 300 µg extracts of 293F cells using 3 µg Mitofilin Rabbit mAb (A23530). Western blot was performed from the immunoprecipitate using Mitofilin Rabbit mAb (A23530) at a dilution of 1:10000.



Western blot analysis of various lysates, using Mitofilin Rabbit mAb (A23530) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



Immunohistochemistry analysis of paraffin-embedded Human kidney using Mitofilin Rabbit mAb (A23530) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Mitofilin Rabbit mAb (A23530) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.