

Mitofusin-1/MFN1 Rabbit pAb

Catalog No.: A9880 **39 Publications**

Basic Information

Observed MW

84kDa

Calculated MW

84kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane proteins that interact with each other to facilitate mitochondrial targeting.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

55669

Swiss Prot

Q8IWA4

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 622-741 of human Mitofusin-1/MFN1 (NP_284941.2).

Synonyms

hfzo1; hfzo2; Mitofusin-1/MFN1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

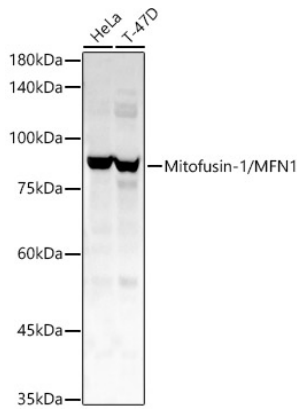
Affinity purification

Storage

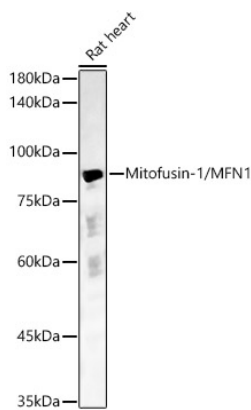
Store at -20°C. Avoid freeze / thaw cycles.

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

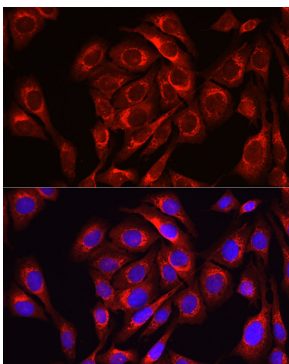
Validation Data



Western blot analysis of various lysates, using Mitofusin-1/MFN1 Rabbit pAb (A9880) 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: 10s.



Western blot analysis of lysates from Rat heart, using Mitofusin-1/MFN1 Rabbit pAb (A9880) 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: 10s.



Immunofluorescence analysis of U2OS cells using Mitofusin-1/MFN1 Rabbit pAb (A9880) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.