

MFN2

Reactivity:Human Mouse Rat

Tested applications:WB IHC IP

Recommended Dilution:WB 1:1000 - 1:4000 IHC 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW:86kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human MFN2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

h

Synonym:

HSG; MARF; CMT2A; CPRP1; CMT2A2;

Catalog #:A5750

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:9927

Isotype:IgG

Swiss Prot:O95140

Purity:Affinity purification

For research use only.

Background:

This gene encodes a mitochondrial membrane protein that participates in mitochondrial fusion and contributes to the maintenance and operation of the mitochondrial network. This protein is involved in the regulation of vascular smooth muscle cell proliferation, and it may play a role in the pathophysiology of obesity. Mutations in this gene cause Charcot-Marie-Tooth disease type 2A2, and hereditary motor and sensory neuropathy VI, which are both disorders of the peripheral nervous system. Defects in this gene have also been associated with early-onset stroke. Two transcript variants encoding the same protein have been identified.

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