

## 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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