



Anti-MFN2 Antibody

Alternative Names: CMT2A, CMT2A2, CMT2A2A, CMT2A2B, CPRP1, HMSN6A, HSG, KIAA0214, MARF, Mitofusin 2

Catalogue Number: AB18-10053

Size: 100ug

Background Information

Mitofusin-2 (MFN2) is a mitochondrial outer membrane GTPase that mediates mitochondrial clustering and fusion and contributes to the maintenance and operation of the mitochondrial network. MFN2 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.

Product Information

Antibody Type: Polyclonal **Host:** Rabbit

Isotype: IgG **Species Reactivity:** Human

Immunogen: A synthetic peptide from human MFN2

Format: 100 µg in 100 µl PBS with 0.03% Proclin300, 50% glycerol, pH7.3.

Storage Conditions: 6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.

Applications: WB IHC
WB 1:1000-4000. IHC 1:50-200.

Additional Information

Subcellular location: Cytoplasm, Cell membrane **MW:** 86kDa

Gene ID 9927 **Uniprot ID:** O95140