

Mitofusin-2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251872

Unit: 0.1 mg

Description:

Mitofusin-2 is an essential transmembrane GTPase which mediates mitochondrial fusion. Fusion of mitochondria occurs in many cell types and constitutes an important step in mitochondrial morphology, which is balanced between fusion and fission. Mitofusin-2 acts independently of the cytoskeleton, plays a central role in mitochondrial metabolism, and is associated with obesity and/or apoptosis processes. Defects in mitofusin-2 are the cause of Charcot-Marie-Tooth disease type 2A2 (CMT2A2). CMT2A2 is a form of Charcot-Marie-Tooth disease, the most common inherited disorder of the peripheral nervous system.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

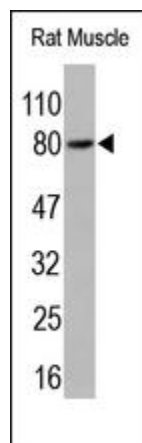
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 5% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Mitofusin-2; Transmembrane GTPase MFN2; MFN2; CPRP1; KIAA0214

Accession No.: O95140

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human mitofusin-2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500



The Antibody is used in Western blot to detect mitofusin-2 in rat cardiac muscle.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.