



Rabbit polyclonal antibody to human Mitofusin 2 (6-25): Affinity purified

Catalogue No.:	R-1564-100
Description:	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Mitofusin 2 (MFN2) is an important transmembrane GTPase required for mitochondrial fusion. MFN2 has a role in the regulation of vascular smooth muscle cell proliferation. The protein is highly expressed in heart and skeletal muscle and ubiquitously expressed at low levels. At least 2 isoforms of MFN2 are produced by alternative splicing.
Replaced by:	R-1793-100
Batch No.:	See product label
Unit size:	100 µg
Antigen:	A synthetic peptide corresponding to a region (6-25aa) from the N-terminus of human Mitofusin 2. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Transmembrane GTPase MFN2; MFN2; CPRP1; KIAA0214;
Accession:	O95140 MFN2_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Western Blotting (WB). A concentration of 1 µg/ml is recommended for WB. Human Mitofusin 2 (isoform 1) has a predicted length of 757 residues and MW of 86 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB.
Cross-reactivity:	Human; rat; expected to react with mouse;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Reconstitution:	Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY