



Anti-MFN2 (internal region) polyclonal antibody (DPABH-28207)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Essential transmembrane GTPase, which mediates mitochondrial fusion. Fusion of mitochondria occurs in many cell types and constitutes an important step in mitochondria morphology, which is balanced between fusion and fission. MFN2 acts independently of the cytoskeleton. It therefore plays a central role in mitochondrial metabolism and may be associated with obesity and/or apoptosis processes. Overexpression induces the formation of mitochondrial networks. Plays an important role in the regulation of vascular smooth muscle cell proliferation.
Immunogen	Synthetic peptide from internal region of Mouse Mitofusin 2 conjugated to an immunogenic carrier protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr
Format	Liquid
Size	100 µl
Buffer	Constituents: Whole serum
Preservative	None

Storage	Store at 4°C short term (1-2 weeks). Add glycerol to a final volume of 50%, aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
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GENE INFORMATION

Gene Name	MFN2 mitofusin 3 [Mus musculus]
Official Symbol	MFN2
Synonyms	MFN2; mitofusin 2; Fzo; D630023P19Rik; mitofusin-2; HSG protein; transmembrane GTPase MFN2; hypertension related protein 1; hypertension-related protein 1; mitochondrial assembly regulatory factor;
Entrez Gene ID	170731
Protein Refseq	NP_001272849.1
UniProt ID	Q80U63
Pathway	Factors involved in megakaryocyte development and platelet production;
Function	GTP binding; GTPase activity; GTPase binding; hydrolase activity