



Magic™ Anti-MFN1 (aa 550-650) polyclonal antibody (DPABH-24753)

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. MFN1 acts independently of the cytoskeleton. Overexpression induces the formation of mitochondrial networks.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 550 - 650 of Human Mitofusin 1.
Isotype	IgY
Source/Host	Chicken
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB, ICC/IF
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituents: PBS, 3% BSA
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	MFN1 mitofusin 2 [Homo sapiens]
Official Symbol	MFN1
Synonyms	MFN1; mitofusin 1; hfzo1; hfzo2; mitofusin-1; fzo homolog; transmembrane GTPase MFN1; putative transmembrane GTPase; mitochondrial transmembrane GTPase FZO-2; mitochondrial transmembrane GTPase Fzo-1;
Entrez Gene ID	55669
Protein Refseq	NP_284941.2
UniProt ID	Q8IWA4
Pathway	Factors involved in megakaryocyte development and platelet production;
Function	GTP binding; GTPase activity; protein binding;