



Anti-MFN1 (aa 1-100) polyclonal antibody (DPAB-DC2425)

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

PRODUCT INFORMATION

Antigen Description The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane proteins that interact with each other to facilitate mitochondrial targeting.

Immunogen MFN1 (NP_060397, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is
MAEPVSPLKHFVLAKKAITAIFDQLLEFVTEGSHFVEATYKNPELDRIATEDDLVEMQGY
KDKLSIIGEVLSRRHMKVAFFGRTSSGKSSVINAMLWDKV

Source/Host Mouse

Species Reactivity Human

Conjugate Unconjugated

Applications WB (Cell lysate), WB (Recombinant protein), ELISA,

Size 50 µl

Buffer 50 % glycerol

Preservative None

Storage Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [MFN1 mitofusin 1 \[Homo sapiens \(human\) \]](#)

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
UniProt ID	Q8IWA4
Chromosome Location	3q26.33
Pathway	Factors involved in megakaryocyte development and platelet production;
Function	GTP binding; GTPase activity; protein binding;