

DNAXPAb

Hard-to-Find
Antibody

MFN1 DNAXPab

Catalog # H00055669-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human MFN1 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence

MAEPVSPLKHFVLAKKAITAIFDQLLEFVTEGSHFVEATYKNPELDRIATEDDLVEMQGYKDKLSIIG
 EVLSRRHMKVAFFGRTSSGKSSVINAMLWDKVLPSGIGHITNCFLSVEGTDGDKAYLMTEGSDEK
 KSVKTVNQLAHALHMDKDLKAGCLVRVFWPKAKCALLRDDLVLDSPGTDVTELDSDWIDKFCL
 DADVFLVANSESTLMNTEKHFFHKVNERLSKPNIFILNNRWDASASEPEYMEDVRRQHMERCL
 HFLVEELKVVNALAQNRIFVSAKEVLSARKQKAQGMPESGVALAEGFHARLQEFQNFQIFEE
 CISQSAVKTKFEQHTIRAKQILATVKNIMDSVNLAEDKRHYSVEEREDQIDRLDFIRNQMNLLTLDV
 KKKIKEVTEEVANKVSCAMTDEICRLSVLVDEFCSFHPNPDVLKIYSELNKHIEDGMGRNLADR
 CTDEVNALVLQTQQEIIENLKPLLPAGIQDKLHTLIPCKKFDLSYNLNYHKLCSDFQEDIVFRFSLGW
 SSLVHRFLGPRNAQRVLLGLSEPIFQLPRSLASTPTAPTTPATPDNASQEELMITLVTGLASVTSRT
 SMGIIVGGVIWKTIGWKLLSVSLTMYGALYLYERLSWTTHAKERAFKQQFVNYATEKLRMVSS TSA
 NCSHQVKQQA TTFARLCQQVDITQKLEEEIARLPKEIDQLEKIQNNSKLLRNKAVQLENELENFT
 KQFLPSSNEES

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

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

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — MFN1

Entrez GeneID [55669](#)

GeneBank Accession# [NM_033540.2](#)

Protein Accession# [NP_284941.2](#)

Gene Name MFN1

Gene Alias DKFZp762F247, FLJ20693, MGC41806, hfzo1, hfzo2

Gene Description mitofusin 1

Omim ID [608506](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations mitochondrial transmembrane GTPase FZO-2|mitochondrial transmembrane GTPase Fzo-1|putative transmembrane GTPase

Disease

- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)