MTFP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MTFP1, Polyclonal Antibody
Full Product Name	MTFP1 Rabbit pAb
Product Gene Name	anti-MTFP1 antibody
Product Synonym Gene Name	MTP18; HSPC242
Product Synonym Names	mitochondrial fission process 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C.
Molecular Weight	18kDa
OMIM	610235
3D Structure	ModBase 3D Structure for Q9UDX5
Immunogen	Fusion protein of human MTFP1
Cellular Localization	Membrane, Mitochondrion, Mitochondrion Inner Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MTFP1 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-MTFP1 antibody	WB: 500-2000 IHC: 50-200
Related Product Information for anti-MTFP1 antibody	MBS8559640 is an antibody targeting MTFP1. Also known as MTFP1 Rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-MTFP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MTFP1. It may not necessarily be applicable to this product.

NCBI GI #	52783151
NCBI Accession #	Q9UDX5.1
UniProt Primary Accession #	Q9UDX5
NCBI Official Full Name	Mitochondrial fission process protein 1

UniProt Protein Name	Mitochondrial fission process protein 1
UniProt Synonym Protein Names	Mitochondrial 18 kDa protein; MTP18
Protein Family	Mitochondrial fission process protein
UniProt Gene Name	MTFP1
UniProt Synonym Gene Names	MTP18; MTP18
UniProt Entry Name	MTFP1_HUMAN
UniProt Comments for MTFP1	MTP18: Involved in the mitochondrial division probably by regulating membrane fission. Loss-of-function induces the release of cytochrome c, which activates the caspase cascade and leads to apoptosis. Belongs to the MTFP1 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Membrane protein, multi-pass; Mitochondrial Chromosomal Location of Human Ortholog: 22q Cellular Component: mitochondrial inner membrane; integral to membrane Biological Process: mitochondrial fission; apoptosis
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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