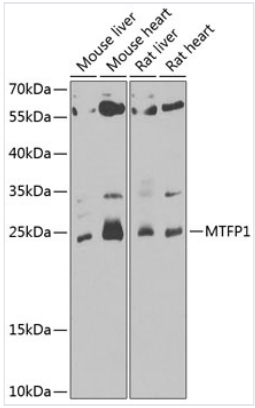
MTFP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MTFP1, Polyclonal Antibody
Full Product Name	MTFP1 Rabbit Polyclonal Antibody
Product Gene Name	anti-MTFP1 antibody
Product Synonym Names	MTFP1; HSPC242; MTP18
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	166
OMIM	610235
3D Structure	ModBase 3D Structure for Q9UDX5
Immunogen	Recombinant fusion protein of human MTFP1 (NP_057582.2).
Product Categories/Family for anti-MTFP1 antibody	Primary Antibody
Applications Tested/Suitable for anti-MTFP1 antibody	Western Blot (WB)
Application Notes for anti-MTFP1 antibody	WB: 1:500-1:2000
Related Product Information for anti-MTFP1 antibody	MTP18 is a mitochondrial protein and downstream target of the phosphatidylinositol 3-kinase (see PIK3CA, MIM 171834) signaling pathway that plays a role in cell viability and mitochondrial dynamics (Tondera et al., 2004 [PubMed 15155745]).
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.
Searchable Terms for MTFP1 purchase	MBS9466161 is an antibody targeting MTFP1. Also known as MTFP1 Rabbit Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-MTFP1 antibody
Western blot analysis of extracts of various cell lines, using MTFP1 antibody.

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 GeneID	51537
NCBI Accession #	Q9UDX5.1
UniProt Primary Accession #	Q9UDX5
UniProt Secondary Accession #	Q9H3K1; Q9P0N6; A6NFQ5
UniProt Related Accession #	Q9UDX5
NCBI Official Full Name	Mitochondrial fission process protein 1
NCBI Official Synonym Full Names	mitochondrial fission process 1
NCBI Official Symbol	MTFP1
NCBI Official Synonym Symbols	MTP18; HSPC242
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
NCBI Protein Information	mitochondrial fission process protein 1; mitochondrial 18 kDa protein; mitochondrial protein 18 kDa; mitochondrial fission protein MTP18
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

Research Articles on MTFP1	**1.** Observational study of gene-disease association and gene-environment interaction. (HuGE Navigator)
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