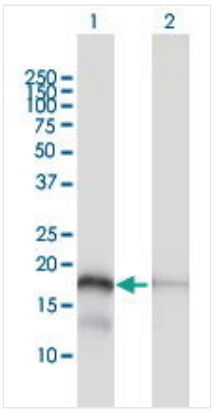
MTP18 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MTP18, Polyclonal Antibody
Full Product Name	MTP18 (Myotubularin-related Protein 6 MTFP1, Mitochondrial Fission Process Protein 1, Mitochondrial 18kD Protein, HSPC242, My022) (Biotin)
Product Gene Name	anti-MTP18 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MTP18.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original v
OMIM	610235
3D Structure	ModBase 3D Structure for Q9UDX5
Immunogen	Full length human MTP18, aa1-166 (NP_057582.2).
Immunogen Sequence	MSEPQPRGAERDLYRDTWVRYLGYANEVGEAFRSLVPAAVVWLSYGVASSYVLADAIDKGKKAGEVPSPEAGRSARVTVAVVDTFVWQALASVAIPGF
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-MTP18 antibody	Antibodies; Mitochondrial Proteins
Applications Tested/Suitable for anti-MTP18 antibody	Western Blot (WB)
Application Notes for anti-MTP18 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MTP18 antibody	Involved in the mitochondrial division probably by regulating membrane fission. Loss-of-function induces the release of cytochrome c, which activates t
Other Notes	Small volumes of anti-MTP18 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for MTP18 purchase	MBS6386129 is an antibody targeting MTP18. Also known as MTP18 (Myotubularin-related Protein 6 MTFP1, Mitochondrial Fission Process Protein 1,



Western Blot (WB) of anti-MTP18 antibody
Western Blot analysis of MTP18 expression in transfected 293T cell line by MTP18 polyclonal antibody. Lane 1: MTP18 transfected lysate (18kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MTP18. It may not necessarily be applicable to this product.

NCBI GI #	51243055
NCBI Accession #	NP_057582.2
UniProt Primary Accession #	Q9UDX5
GenBank Nucleotide #	NM_016498
NCBI Official Full Name	mitochondrial fission process protein 1 isoform a
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 MTP18	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
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