FTMT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FTMT, Polyclonal Antibody
Full Product Name	FTMT Polyclonal Antibody
Product Gene Name	anti-FTMT antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	27kDa
OMIM	BC034419 mRNA
3D Structure	ModBase 3D Structure for Q8N4E7
Immunogen	Recombinant protein of human FTMT (NP_803431.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FTMT antibody	Western Blot (WB)
Application Notes for anti-FTMT antibody	WB: 1:500-1:2000
Related Product Information for anti-FTMT antibody	MBS8567654 is an antibody targeting FTMT. Also known as FTMT Polyclonal Antibody. Reactive in Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-FTMT 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 FTMT. It may not necessarily be applicable to this product.

NCBI GI #	29126241
NCBI GeneID	94033
NCBI Accession #	NP_803431.1
UniProt Primary Accession #	Q8N4E7
UniProt Related Accession #	Q8N4E7
GenBank Nucleotide #	NP_803431.1
NCBI Official Full Name	ferritin, mitochondrial

NCBI Official Synonym Full Names	ferritin mitochondrial
NCBI Official Symbol	FTMT
NCBI Official Synonym Symbols	MTF
UniProt Protein Name	Ferritin, mitochondrial
UniProt Gene Name	FTMT
NCBI Protein Information	ferritin, mitochondrial
UniProt Comments for FTMT	Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation.
Research Articles on FTMT	**1.** These results suggest that the elevation of expression levels of FTMT in the reticulocytes of patients with alpha-thalassaemia may be associated with iron loading and oxidative stress.
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