LETM1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LETM1, Polyclonal Antibody
Full Product Name	LETM1 (LETM1 and EF-hand Domain-containing Protein 1, Mitochondrial, Leucine Zipper-EF-hand-containing Transmembrane Protein 1) (HRP)
Product Gene Name	anti-LETM1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified
Specificity	Recognizes human LETM1. Species Crossreactivity: mouse.
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 store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	83,354 Da
OMIM	604407
3D Structure	ModBase 3D Structure for O95202
Immunogen	LETM1 (NP_036450.1, 1-739aa) full-length human protein.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-LETM1 antibody	Antibodies; Mitochondrial Proteins
Applications Tested/Suitable for anti-LETM1 antibody	Western Blot (WB)
Application Notes for anti-LETM1 antibody	For maximum recovery of product, 11c7entrifuge the original vial after thawing and prior to removing the cap. Applications are based on unconjugated antibody.
Related Product Information for anti-LETM1 antibody	LETM1 (Leucine zipper-EF-hand containing transmembrane protein 1) contains 2 EF-hand calcium-binding sites, a transmembrane domain, a leucine zipper motif and several coiled-coil domains. Crucial for the maintenance of mitochondrial tubular networks and for the assembly of the supercomplexes of the respiratory chain. Required for the maintenance of the tubular shape and cristae organization. There are three isoforms.
Other Notes	Small volumes of anti-LETM1 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 LETM1 purchase	MBS6484964 is an antibody targeting LETM1. Also known as LETM1 (LETM1 and EF-hand Domain-containing Protein 1, Mitochondrial, Leucine Zipper-EF-hand-containing Transmembrane Protein 1) (HRP). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LETM1. It may not necessarily be applicable to this product.

NCBI GI #	6912482
NCBI GeneID	3954
NCBI Accession #	NP_036450.1
UniProt Primary Accession #	O95202
UniProt Secondary Accession #	Q9UF65; B4DED2
UniProt Related Accession #	O95202
GenBank Nucleotide #	NM_012318.2
NCBI Official Full Name	LETM1 and EF-hand domain-containing protein 1, mitochondrial
NCBI Official Synonym Full Names	leucine zipper-EF-hand containing transmembrane protein 1
NCBI Official Symbol	LETM1
UniProt Protein Name	LETM1 and EF-hand domain-containing protein 1, mitochondrial
UniProt Synonym Protein Names	Leucine zipper-EF-hand-containing transmembrane protein 1
Protein Family	LETM1 and EF-hand domain-containing protein
UniProt Gene Name	LETM1
UniProt Entry Name	LETM1_HUMAN
NCBI Protein Information	LETM1 and EF-hand domain-containing protein 1, mitochondrial; Mdm38 homolog; leucine zipper-EF-hand-containing transmembrane protein 1
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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