LETM2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LETM2, Polyclonal Antibody
Full Product Name	LETM2, NT (LETM2, LETM1 domain-containing protein LETM2, mitochondrial, LETM1 and EF-hand domain-containing protein 2, Leucine zipper-EF-hand-containing transmembrane protein 1-like) (MaxLight 550)
Product Gene Name	anti-LETM2 antibody
Product Synonym Names	LETM2; LETM1 domain-containing protein LETM2, mitochondrial; LETM1 and EF-hand domain-containing protein 2; Leucine zipper-EF-hand-containing transmembrane protein 1-like
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 MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
3D Structure	ModBase 3D Structure for Q2VYF4
Immunogen	LETM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 108-137 amino acids from the N-terminal region of human LETM2.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-LETM2 antibody	Antibodies; Transmembrane Proteins
Applications Tested/Suitable for anti-LETM2 antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-LETM2 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 IHC: 1:10-50 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-LETM2 antibody	MaxLight550 is a new Yellow-Green photostable dye conjugate comparable to Alexa Fluor546, 555, DyLight549, Cy3, TRITC and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (550nm); Emission (575nm); Extinction Coefficient 150,000.
Product References and Citations for anti-LETM2 antibody	Stec, I., et al. Genomics 76 (1-3), 5-8 (2001).
Other Notes	Small volumes of anti-LETM2 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 LETM2 purchase	MBS6315752 is an antibody targeting LETM2. Also known as LETM2, NT (LETM2, LETM1 domain-containing protein LETM2, mitochondrial, LETM1 and EF-hand domain-containing protein 2, Leucine zipper-EF-hand-containing transmembrane protein 1-like) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LETM2. It may not necessarily be applicable to this product.

NCBI GI #	21389523
NCBI GeneID	137994
NCBI Accession #	NP_653253.1
UniProt Primary Accession #	Q2VYF4
UniProt Related Accession #	Q2VYF4
GenBank Nucleotide #	NP_653253.1
NCBI Official Full Name	LETM1 domain-containing protein LETM2, mitochondrial isoform 2
NCBI Official Synonym Full Names	leucine zipper and EF-hand containing transmembrane protein 2
NCBI Official Symbol	LETM2
NCBI Official Synonym Symbols	SLC55A2
UniProt Protein Name	LETM1 domain-containing protein LETM2, mitochondrial
UniProt Synonym Protein Names	LETM1 and EF-hand domain-containing protein 2; Leucine zipper-EF-hand-containing transmembrane protein 1-like
Protein Family	LETM1 domain-containing protein
UniProt Gene Name	LETM2
UniProt Entry Name	LETM2_HUMAN
NCBI Protein Information	LETM1 domain-containing protein LETM2, mitochondrial
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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