# LETM2 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **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 650) |
| **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 MaxLight650. |
| **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: MaxLight650 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** | MaxLight650 |
| **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<br>FLISA: 1:1,000<br>IHC: 1:10-50<br>WB: 1:100-500<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-LETM2 antibody** | MaxLight650 is a new Far-IR stable dye conjugate comparable to Alexa Fluor647, DyLight649, Cy5 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (655nm); Emission (676nm); Extinction Coefficient 250,000. |
| **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. |

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| **Searchable Terms for LETM2 purchase** | MBS6315753 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 650). 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.

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| **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 |
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