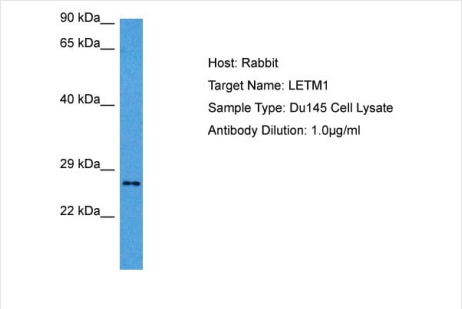
LETM1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LETM1, Polyclonal Antibody
Full Product Name	LETM1 Antibody - middle region
Product Gene Name	anti-LETM1 antibody
Product Synonym Gene Name	SLC55A1
Immunogen Sequence	Synthetic peptide located within the following region: EKSLKSLKDK NKKLEEGGPV YSPPAEVVVK KSLGQRVLDE LKHYYHGFRL
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	LETM1 peptide (MBS3247137) is used for blocking the activity of LETM1 antibody (MBS3222469)
Molecular Weight	27 kDa
OMIM	604407
3D Structure	ModBase 3D Structure for O95202
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LETM1
Product Categories/Family for anti-LETM1 antibody	Polyclonal; Membrane Protein; Mitochondria; Disease Related
Applications Tested/Suitable for anti-LETM1 antibody	Western Blot (WB)
Related Product Information for anti-LETM1 antibody	This gene encodes a protein that is localized to the inner mitochondrial membrane. The protein functions to maintain the mitochondrial tubular shapes and is required for normal mitochondrial morphology and cellular viability. Mutations in this gene cause Wolf-Hirschhorn syndrome, a complex malformation syndrome caused by the deletion of parts of the distal short arm of chromosome 4. Related pseudogenes have been identified on chromosomes 8, 15 and 19.
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	MBS3222469 is an antibody targeting LETM1. Also known as LETM1 Antibody - middle region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-LETM1 antibody
Host: RabbitTarget Name: LETM1Sample Tissue: Human Du145 Whole Cell lysatesAntibody Dilution: 1ug/ml

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 Related Accession #	O95202
GenBank Nucleotide #	NM_012318.2
NCBI Official Full Name	mitochondrial proton/calcium exchanger protein
NCBI Official Synonym Full Names	leucine zipper and EF-hand containing transmembrane protein 1
NCBI Official Symbol	LETM1
NCBI Official Synonym Symbols	SLC55A1
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	mitochondrial proton/calcium exchanger protein
Research Articles on LETM1	**1.** these results revealed that the knockdown of LETM1 exhibited tumor suppressive effects, possibly by controlling the downstream Wnt/beta-catenin signaling pathway.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/letm1/3222469