SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-LETM1 antibody

Catalog Number: SL15591R

FOR RESEARCH USE ONLY

[DATASHEET]

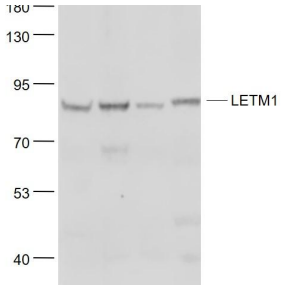
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	LETM1
Immunogen:	KLH conjugated synthetic peptide derived from human LETM1: 101-200/739
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Chicken,Dog,Horse)
Predicted MW.:	71kDa
Subcellular Location:	cytoplasmic Mitochondrion
Background:	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. [provided by RefSeq, Oct 2009]. **Function:** 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. **Subunit:** Can form 2 complexes: a major (300 kDa) and a minor complex (500-600 kDa). Interacts with BCS1L. **Subcellular Location:** Mitochondrion inner membrane; Single-pass membrane protein. **Similarity:** Contains 1 EF-hand domain.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Contains 1 LETM1 domain. **Database links:** **Entrez Gene:** 3954 Human Omim: 604407 Human **SwissProt:** O95202 Human **Unigene:** 120165 Human

[VALIDATION IMAGES]



Sample:
K562(Human) Cell Lysate at 30 ug
MOLT-4(Human) Cell Lysate at 30 ug
A549(Human) Cell Lysate at 30 ug
HL60(Human) Cell Lysate at 30 ug
Primary: Anti- LETM1 (SL15591R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 71 kD
Observed band size: 75 kD

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