



## Rabbit Anti-LETM1 antibody

SL15591R

<b>Product Name:</b>	LETM1
<b>Chinese Name:</b>	LETM1蛋白抗体
<b>Alias:</b>	LETM1; LETM1 and EF hand domain containing protein 1, mitochondrial; LETM1 and EF-hand domain-containing protein 1; Letm1; LETM1_HUMAN; Leucine zipper EF hand containing transmembrane protein 1; Leucine zipper-EF-hand-containing transmembrane protein 1; Mdm38 homolog; mitochondrial; ZNF300 bs-0628R
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Horse,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	71kDa
<b>Cellular localization:</b>	cytoplasmicMitochondrion
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LETM1:101-200/739
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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. Contains 1 LETM1 domain.

**SWISS:**

O95202

**Gene ID:**

3954

**Database links:**

[Entrez Gene: 3954](#)Human

[Omir: 604407](#)Human

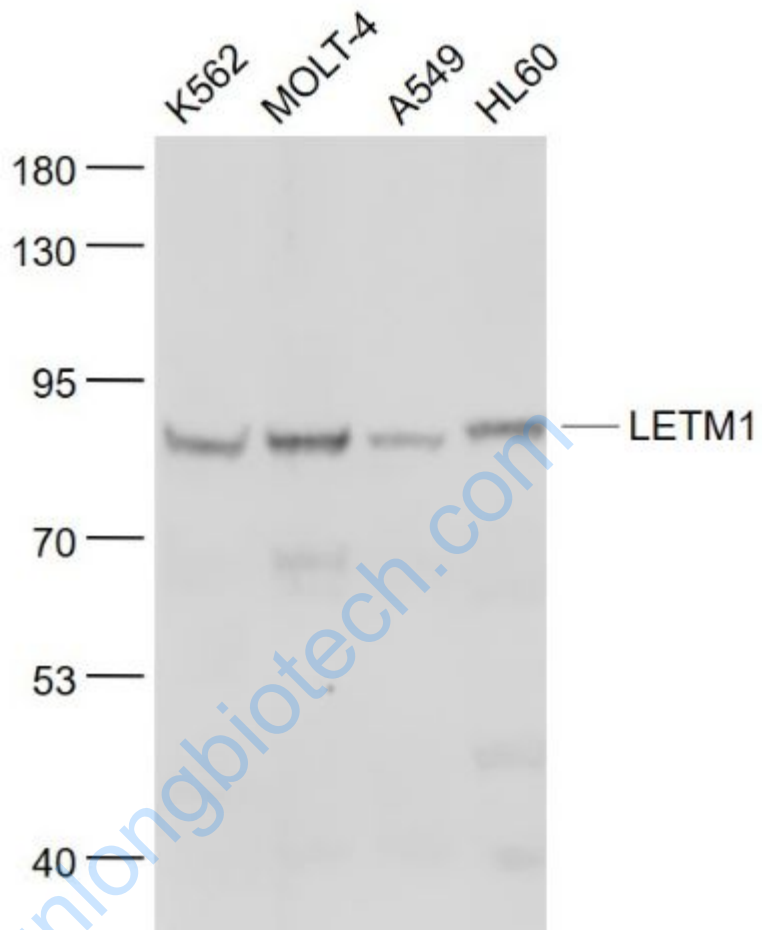
[SwissProt: O95202](#)Human

[Unigene: 120165](#)Human

**Important Note:**

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

Picture:



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
--	---------------------------

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)