

## Product datasheet for **TA341905**

### LETM1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-LETM1 antibody: synthetic peptide directed towards the middle region of human LETM1. Synthetic peptide located within the following region: MALKNKAAKGSATKDFSVFFQKIRETGERPSNEEIMRFSKLFEDLTLDN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	leucine zipper and EF-hand containing transmembrane protein 1
Database Link:	<a href="#">NP_036450</a> <a href="#">Entrez Gene 3954 Human</a> <a href="#">O95202</a>
Background:	This gene encodes a protein that is localized toThe inner mitochondrial membrane.The protein functions to maintainThe mitochondrial tubular shapes and is required for normal mitochondrial morphology and cellular viability. Mutations inThis gene cause Wolf-Hirschhorn syndrome, a complex malformation syndrome caused byThe deletion of parts ofThe distal short arm of chromosome 4. Related pseudogenes have been identified on chromosomes 8, 15 and 19. [provided by RefSeq, Oct 2009]



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**Synonyms:** leucine zipper-EF-hand containing transmembrane protein 1

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 86%

**Protein Families:** Transmembrane

**Product images:**



WB Suggested Anti-LETM1 Antibody Titration: 5.0 ug/ml; Positive Control: Jurkat cell lysate. LETM1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells