

# MLIP Antibody - middle region

Rabbit Polyclonal Antibody  
Catalog # AI15708

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q5VWP3</a>
<b>Other Accession</b>	<a href="#">NM_138569</a> , <a href="#">NP_612636</a>
<b>Reactivity</b>	Human, Rat, Pig, Dog, Horse, Bovine
<b>Predicted</b>	Human, Rat, Pig, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	105914

## Additional Information

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<b>Gene ID</b>	90523
<b>Alias Symbol</b>	C6orf142
<b>Other Names</b>	Muscular LMNA-interacting protein, Muscular-enriched A-type laminin-interacting protein, MLIP, C6orf142
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-MLIP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	MLIP Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	MLIP ( <a href="#">HGNC:21355</a> )
<b>Function</b>	Required for myoblast differentiation into myotubes, possibly acting as a transcriptional regulator of the myogenic program (By similarity). Required for cardiac adaptation to stress through integrated regulation of the AKT/mTOR pathways and FOXO1. Regulates cardiac homeostasis and plays a role in the protection against cardiac hypertrophy (By similarity). Binds chromatin (By similarity). May act as a transcriptional cofactor for ISL1, repressing its transcriptional activity (By similarity). May also repress MYOCD transcriptional activity (By similarity).
<b>Cellular Location</b>	Nucleus. Nucleus envelope {ECO:0000250 UniProtKB:Q5FW52}. Nucleus, PML

body {ECO:0000250|UniProtKB:Q5FW52}. Cytoplasm, cytosol. Cell membrane, sarcolemma {ECO:0000250|UniProtKB:Q5FW52}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q5FW52}; Cytoplasmic side {ECO:0000250|UniProtKB:Q5FW52}

### Tissue Location

Predominantly expressed in the heart and skeletal muscle (PubMed:21498514, PubMed:26436652, PubMed:34581780). Also detected in liver (PubMed:21498514). [Isoform 3]: Expressed in skeletal muscle.

### References

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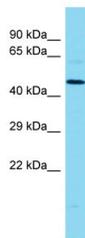
Ota T., et al. Nat. Genet. 36:40-45(2004).

Mungall A.J., et al. Nature 425:805-811(2003).

Ahmady E., et al. J. Biol. Chem. 286:19702-19713(2011).

### Images

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Host: Rabbit

Target Name: MLIP

Sample Tissue: MCF7 Whole cell lysate

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Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.