

## Leiomodin-3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56992

## **Specification**

## Leiomodin-3 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality IHC-P, IHC-F, IF, ICC <u>O0VAK6</u> Rat, Pig, Dog, Bovine Rabbit Polyclonal 64914

## Leiomodin-3 Polyclonal Antibody - Additional Information

Gene ID 56203

Calculated MW

#### **Other Names**

Leiomodin-3, Leiomodin, fetal form, LMOD3

### **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

#### Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

## Leiomodin-3 Polyclonal Antibody - Protein Information

### Name LMOD3

#### **Function**

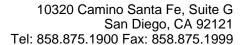
Essential for the organization of sarcomeric actin thin filaments in skeletal muscle (PubMed:<a href="http://www.uniprot.org/citations/25250574" target="\_blank">25250574</a>). Increases the rate of actin polymerization (PubMed:<a href="http://www.uniprot.org/citations/25250574" target="\_blank">25250574</a>).

### **Cellular Location**

Cytoplasm. Cytoplasm, myofibril, sarcomere, M line Cytoplasm, myofibril, sarcomere, A band {ECO:0000250|UniProtKB:E9QA62} Cytoplasm, cytoskeleton. Note=Highly expressed in nonstriated areas of developing myotubes, where it shows a granular cytoplasmic pattern. In sarcomeres, highly expressed in the M band region and, at lower levels, along actin thin filaments. Not detected in Z-disks. In sarcomeres, may be located near, but not at, actin thin filament pointed end.

### **Tissue Location**

Expressed in cardiac and at higher levels in skeletal muscles (at protein level).





# **Leiomodin-3 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Leiomodin-3 Polyclonal Antibody - Images