

Leiomodin-3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56992

Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q0VAK6
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64914

Additional Information

Gene ID	56203
Other Names	Leiomodin-3, Leiomodin, fetal form, LMOD3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
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.

Protein Information

Name	LMOD3
Function	Essential for the organization of sarcomeric actin thin filaments in skeletal muscle (PubMed: 25250574). Increases the rate of actin polymerization (PubMed: 25250574).
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).

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