



Rabbit Anti-MURC antibody

SL19108R

Product Name:	MURC
Chinese Name:	肌肉相关卷曲螺旋蛋白抗体
Alias:	murC; MURC_HUMAN; Muscle-related coiled-coil protein; Muscle-restricted coiled-coil protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Horse,Rabbit,Sheep,
Applications:	ELISA=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.
Molecular weight:	42kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MURC:131-230/364
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	<p>This gene encodes a protein containing two coiled-coil regions. The encoded protein promotes Rho/ROCK (Rho-kinase) signaling in cardiac muscles cells, and may facilitate myofibrillar organization. [provided by RefSeq, Jun 2013]</p> <p>Function: Induces RHOA activation and activates NPPA transcription and myofibrillar</p>

organization through the Rho/ROCK signaling pathway.

Subcellular Location:

Cytoplasm > myofibril > sarcomere. Cytoplasm. In cardiomyocytes, accumulates in the Z-line of the sarcomere. In vascular smooth muscle cells, detected diffusely throughout the cytoplasm.

Similarity:

Belongs to the PTRF/SDPR family.

SWISS:

Q5BKX8

Gene ID:

347273

Database links:

[Entrez Gene: 347273](#) Human

[SwissProt: Q5BKX8](#) Human

[Unigene: 99004](#) Human

Important Note:

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