

Product datasheet

Anti-MURC antibody ab121644

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Overview

Product name	Anti-MURC antibody
Description	Rabbit polyclonal to MURC
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	antigen, corresponding to amino acids 1-90 (MEHNGSASNA DKIHQNRLLS VTEDEDQDAA LTVTLDKV ASVDSVQAS QKRIEERHRE MENAIKSVQI DLLKLSQSHS NTGHIINKLF) of Human MURC. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Human lymph node tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab121644** in the following tested applications.

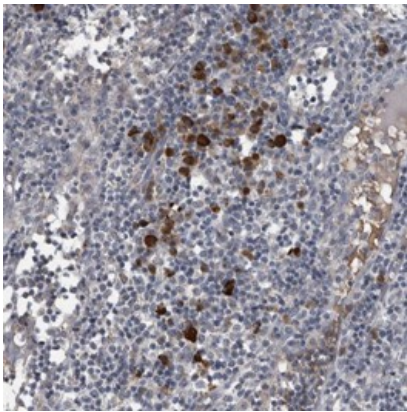
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

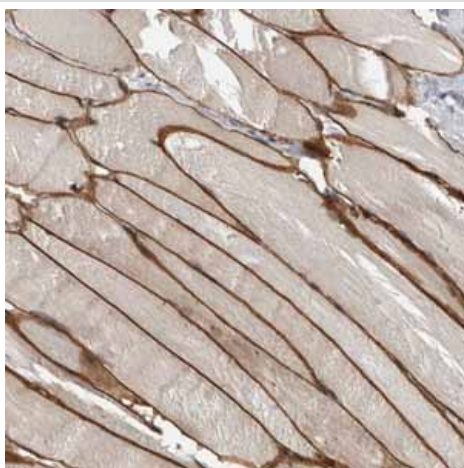
Function	Induces RHOA activation and activates NPPA transcription and myofibrillar organization through the Rho/ROCK signaling pathway.
Sequence similarities	Belongs to the PTRF/SDPR family.
Cellular localization	Cytoplasm > myofibril > sarcomere. Cytoplasm. In cardiomyocytes, accumulates in the Z-line of the sarcomere. In vascular smooth muscle cells, detected diffusely throughout the cytoplasm.

Images



ab121644, at 1/60 dilution, staining MURC in paraffin-embedded Human lymph node tissue, by Immunohistochemistry,

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MURC antibody (ab121644)



Immunohistochemical staining of Human skeletal muscle shows distinct membranous positivity using ab121644

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MURC antibody (ab121644)

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