Datasheet for ABIN1891171

anti-ACTC1 antibody (AA 99-354)

1 Image

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Overview

Quantity:	100 µL
Target:	ACTC1
Binding Specificity:	AA 99-354
Reactivity:	Human, Rat, Chicken, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 99 and 354 (P68032) of alpha Actin (cardiac muscle). Percent identity by BLAST analysis: Human, Chicken, Pig, Rat, Bovine (100%), Xenopus (99%). Type of Immunogen: Recombinant protein
Specificity:	Human ACTC1 / Alpha-Cardiac Actin
Purification:	Immunoaffinity purified

Target Details

Target:	ACTC1

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Target Details

Alternative Name:	ACTC1 / Alpha Cardiac Actin (ACTC1 Products)
Background:	Name/Gene ID: ACTC1 Synonyms: ACTC1, Actin, alpha cardiac muscle 1, Actin, alpha, cardiac muscle, Actin, alpha, cardiac muscle 1, Alpha-cardiac actin, CMH11, CMD1R, ACTC, LVNC4, ASD5
Gene ID:	70
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	Approved: IHC, IHC-P (7.5 µg/mL), WB (1:500 - 1:3000) Usage: IHC-paraffin: Suggested antigen retrieval using heat mediated 10 mM Citrate buffer (pH 6.0) or Tris-EDTA buffer (pH 8.0).
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7, 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid multiple freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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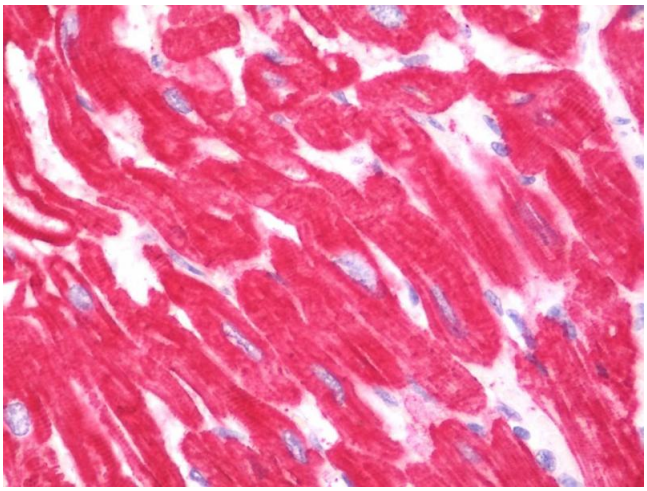

Immunohistochemistry

Image 1. Anti-ACTC1 / Alpha Cardiac Actin antibody IHC staining of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 7.5 ug/ml.

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