



[Go to Product page](#)

Datasheet for ABIN4953291

## Recombinant anti-ACTC1 antibody (N-Term)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	ACTC1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

#### Product Details

Immunogen:	A peptide corresponding to the N-terminus of human alpha-cardiac Actin was used as the immunogen for this recombinant ACTC1 antibody.
Clone:	RM257
Isotype:	IgG
Cross-Reactivity (Details):	Expected species reactivity: Rat, Bovine
Purification:	Protein A purified from animal origin-free supernatant

#### Target Details

Target:	ACTC1
Alternative Name:	Alpha Cardiac Actin / ACTC1 ( <a href="#">ACTC1 Products</a> )

## Target Details

---

Background:	The recombinant ACTC1 antibody reacts to human and mouse alpha cardiac actin (Actin, alpha cardiac muscle 1). It may also react to bovine or rat alpha-cardiac actin, as predicted by immunogen homology.
Gene ID:	70
UniProt:	<a href="#">P68032</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a>

## Application Details

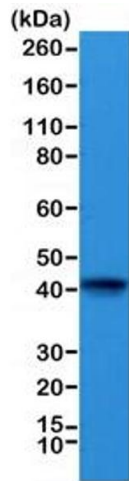
---

Application Notes:	<p>The stated application concentrations are suggested starting points. Titration of the recombinant ACTC1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.</p> <p>1. A pH 6 Citrate buffer or pH 9 Tris/EDTA buffer HIER step is recommended for testing of FFPE tissue sections.\. IHC (FFPE): 1:1000-1:2000 (1),Western Blot: 1:1000-1:2000</p>
Restrictions:	For Research Use only

## Handling

---

Buffer:	Antibody in PBS with 50 % glycerol, 1 % BSA and 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store the recombinant ACTC1 antibody at -20°C (with glycerol) or aliquot and store at -20°C (without glycerol).



### Western Blotting

**Image 1.** Western blot testing of mouse heart lysate with recombinant ACTC1 antibody at 1:1000. Predicted molecular weight ~42 kDa.