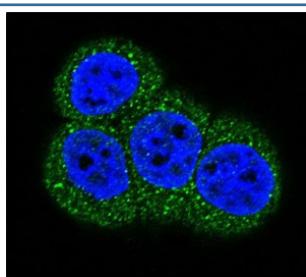


## ACTC1 Antibody (F44293)

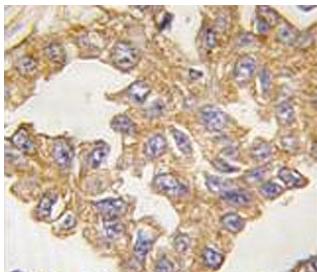
Catalog No.	Formulation	Size
F44293-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44293-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08

**Bulk quote request**

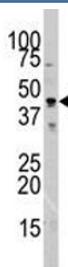
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Bovine, C. elegans, Chicken, Drosophila, Rabbit, Rat, Xenopus, Zebrafish
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P68032
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50
<b>Limitations</b>	This ACTC1 antibody is available for research use only.



Confocal immunofluorescent analysis of ACTC1 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



IHC analysis of FFPE human lung carcinoma tissue stained with ACTC1 antibody



Western blot analysis of ACTC1 antibody and mouse testis tissue lysate. Predicted molecular weight ~42 kDa.

## Description

Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. ACTB/ACTC are nonmuscle cytoskeletal actins and major constituents of the contractile apparatus. Defects in ACTB are a cause of juvenile-onset dystonia. Defects in ACTC have been associated with idiopathic dilated cardiomyopathy (IDC) and familial hypertrophic cardiomyopathy (FHC).

## Application Notes

Titration of the ACTC1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 38-67 from the human protein was used as the immunogen for this ACTC1 antibody.

## Storage

Aliquot the ACTC1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.