

## anti- ACTA1-Specific antibody

### Product Information

Catalog No.:	FNab00115
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. The ACTA1 gene encodes skeletal muscle alpha-actin, the principal actin isoform in adult skeletal muscle, which interacts with a variety of proteins to produce the force for muscle contraction. There is only the N-terminal 8 amino acids difference among the actin family members. This antibody is specific to the ACTA1. It does not cross-react with other actin isoforms.

### Immunogen information

Immunogen:	actin, alpha 1, skeletal muscle
Synonyms:	ACTA, ACTA1, ACTA1 skeletal Muscle Actin, ACTA1 skeletal Muscle Actin Specific, Actin, alpha skeletal muscle, Alpha actin 1, ASMA, CFTD, CFTD1, CFTDM, MPFD, NEM1, NEM2, NEM3
Observed MW:	42 kDa
UniprotID :	P68133

### Application

#### Wuhan Fine Biotech Co., Ltd.

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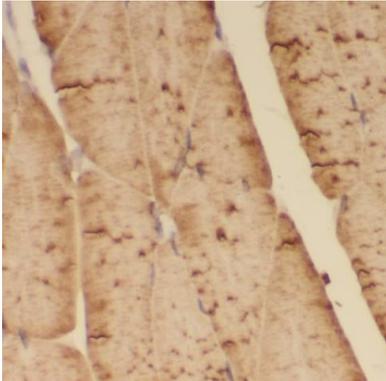
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

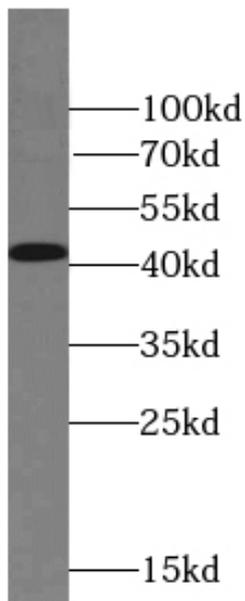
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human skeletal muscle slide using FNab00115(ACTA1-Specific Antibody) at dilution of 1:50



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with FNab00115(ACTA1-Specific antibody) at dilution of 1:1000

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