

## Anti-ACTN3 antibody

<b>Cat. No.</b>	ml221486
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-ACTN3 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Fusion protein of human ACTN3
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.2 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	ACTN3
<b>Full name</b>	Actinin, alpha 3
<b>Synonyms</b>	
<b>Swissprot</b>	Q08043

### Target Background

This gene encodes a member of the alpha-actin binding protein gene family. The encoded protein is primarily expressed in skeletal muscle and functions as a structural component of sarcomeric Z line. This protein is involved in crosslinking actin containing thin filaments. An allelic polymorphism in this gene results in both coding and non-coding variants. The reference genome contains the non-coding allele. The non-functional allele of this gene is associated with elite athlete status.

订购热线: 4008-898-798

#### Applications

##### Western blotting

Predicted band size: 103 kDa

Positive control: HeLa and NIH/3T3 cells

Recommended dilution: 500-2000

Gel: 10% SDS-PAGE

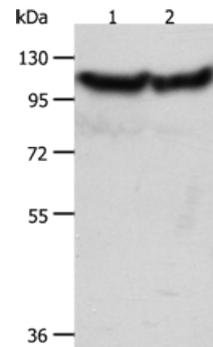
Lysate: 40 µg

Lane 1-2: HeLa cells, NIH/3T3 cells

Primary antibody: ml221486 (ACTN3 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



#### ELISA

Recommended dilution: 2000-5000

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