

## ACTN3 Polyclonal Antibody

**Catalog No.** E-AB-10723

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

### Description

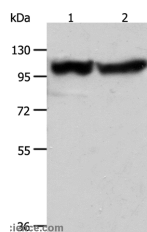
<b>Reactivity</b>	Human,Mouse
<b>Immunogen</b>	Recombinant protein of human ACTN3
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

### Applications

### Recommended Dilution

**WB** 1:500-1:2000

### Data



Western Blot analysis of Human fetal muscle tissue and hela cell using ACTN3 Polyclonal Antibody at dilution of 1:400

**Calculated Mw:103kDa**

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### 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.

### For Research Use Only