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Datasheet for ABIN7235738  
**anti-ACTN3 antibody**

1 Image

Overview

Quantity:	200 µL
Target:	ACTN3
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant protein of human ACTN3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ACTN3
Alternative Name:	ACTN3 ( <a href="#">ACTN3 Products</a> )
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

## Target Details

genome contains the non-coding allele. The non-functional allele of this gene is associated with elite athlete status.

Molecular Weight: 103 kDa

UniProt: [Q08043](#)

Pathways: [Cell-Cell Junction Organization](#)

## Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.2 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

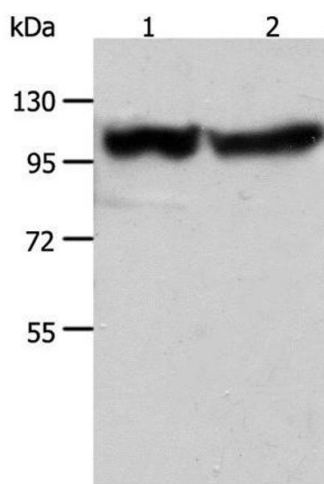
Preservative: Sodium azide

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 at -20°C. Avoid freeze / thaw cycles.

## Images



### Western Blotting

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