## **Elabscience**®

## **ACTN3 Polyclonal Antibody**

## catalog number: E-AB-10723

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

ReactivityHuman;MouseImmunogenRecombinant protein of human ACTN3HostRabbitIsotypeIgGPurificationAffinity purificationConjugationUnconjugatedBufferPhosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.ApplicationsRecommended DilutionWB1:500-1:2000		
ImmunogenRecombinant protein of human ACTN3HostRabbitKotypeIgGPurificationAffinity purificationConjugationUnconjugatedBufferPhosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.ApplicationsRecommended DilutionWB1:500-1:2000Data	Description	
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ConjugationUnconjugatedBufferPhosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.ApplicationsRecommended DilutionWB1:500-1:2000DataInstant of the solution of 1:2000Western Blot analysis of Human fetal muscle tissue and hela cell using ACTN3 Polyclonal Antibody at dilution of 1:400 Calculated-MU: IO3 kDaPreparation & StorageStorageStorageStora t-20°C Valid for 12 months. Avoid freeze / thaw cycles.	Is otype	IgG
Buffer       Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.         Applications       Recommended Dilution         WB       1:500-1:2000         Data       Image: Stabilizer and Fall Properties of Human Fetal muscle tissue and hela cell using ACTN3 Polyclonal Antibody at dilution of 1:400 Calculated-MW:I03 kDa         Preparation & Storage       Stor at -20°C Valid for 12 months. Avoid freeze / thaw cycles.	Purification	Affinity purification
Applications       Recommended Dilution         WB       1:500-1:2000         Data       Image: Commended Dilution on the second s	Conjugation	Unconjugated
WB       1:500-1:2000         Data       Image: Comparison of the second s	Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
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Western Blot analysis of Human fetal muscle tissue and hela cell using ACTN3 Polyclonal Antibody at dilution of 1:400 Calculated-MW:103 kDa Preparation & Storage Storage Storage Storage CValid for 12 months. Avoid freeze / thaw cycles.	WB	1:500-1:2000
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5- 3- Western Blot analysis of Human fetal muscle tissue and hela cell using ACTN3 Polyclonal Antibody at dilution of 1:400 Calculated-MW:103 kDa Preparation & Storage Storage Storage Storage / thaw cycles.		10-
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Western Blot analysis of Human fetal muscle tissue and hela cell using ACTN3 Polyclonal Antibody at dilution of 1:400 Calculated-MW:103 kDa Preparation & Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.		
cell using ACTN3 Polyclonal Antibody at dilution of 1:400         Calculated-MW:103 kDa         Preparation & Storage         Storage       Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.		
Calculated-MW:103 kDa         Preparation & Storage         Storage       Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.		
Preparation & Storage         Storage       Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.		
StorageStore at -20°C Valid for 12 months. Avoid freeze / thaw cycles.		
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temperature recommended.

## 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.