

**ACTN2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50959****Specification**

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**ACTN2 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P35609</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>103 KDa</b>
Antigen Region	<b>31 - 90</b>

**ACTN2 Antibody - Additional Information****Gene ID** 88**Other Names**

Alpha-actinin-2, Alpha-actinin skeletal muscle isoform 2, F-actin cross-linking protein, ACTN2

**Target/Specificity**

KLH conjugated synthetic peptide derived from human ACTN2

**Dilution**

WB~~ 1:1000

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**ACTN2 Antibody - Protein Information****Name** ACTN2**Function**

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.

**Cellular Location**

Cytoplasm, myofibril, sarcomere, Z line. Note=Colocalizes with MYOZ1 and FLNC at the Z-lines of skeletal muscle

**Tissue Location**

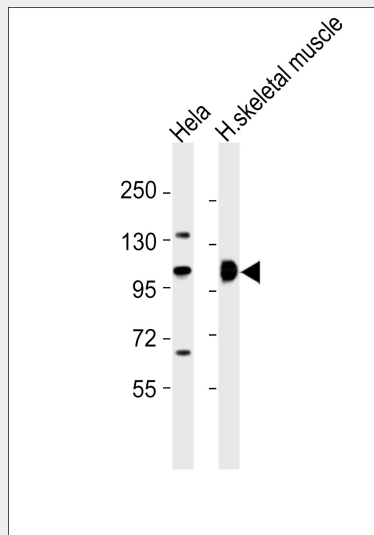
Expressed in both skeletal and cardiac muscle.

## ACTN2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## ACTN2 Antibody - Images



All lanes : Anti-ACTN2 Antibody at 1:1000 dilution Lane 1: Hela whole cell lysates Lane 2: human skeletal muscle lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 104 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

## ACTN2 Antibody - Background

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## ACTN2 Antibody - References

- Beggs A.H., et al. J. Biol. Chem. 267:9281-9288(1992).  
Tiso N., et al. Biochem. Biophys. Res. Commun. 265:256-259(1999).  
Gregory S.G., et al. Nature 441:315-321(2006).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Faulkner G., et al. J. Cell Biol. 146:465-475(1999).