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

## Specification

### ACTN2 Antibody - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | P35609 |
| Reactivity | **Human, Mouse, Rat** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **103 KDa** |
| Antigen Region | **31 - 90** |

### 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.

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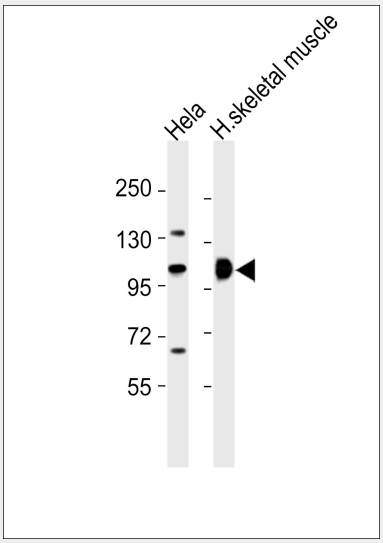
## ACTN2 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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

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

## 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).