

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

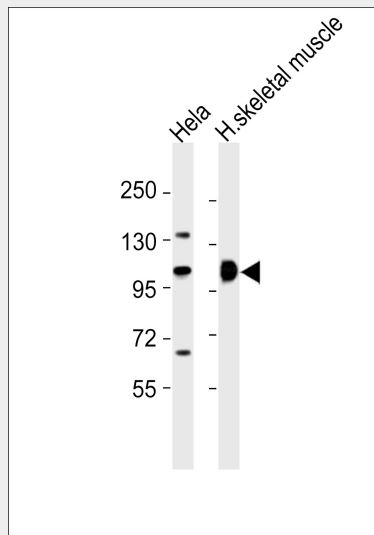
Expressed in both skeletal and cardiac muscle.

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).