

# ACTN2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5383

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P35609</a>
<b>Other Accession</b>	<a href="#">Q9JI91</a> , <a href="#">P20111</a> , <a href="#">Q3ZC55</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	104 KDa
<b>Isotype</b>	Rabbit IgG
<b>Antigen Source</b>	HUMAN

## Additional Information

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<b>Antigen Region</b>	352-386
<b>Other Names</b>	Alpha-actinin-2, Alpha-actinin skeletal muscle isoform 2, F-actin cross-linking protein, ACTN2
<b>Dilution</b>	WB~~1:1000
<b>Target/Specificity</b>	This ACTN2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 352-386 amino acids from the Central region of human ACTN2.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	ACTN2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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

## References

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Beggs A.H.,et al.J. Biol. Chem. 267:9281-9288(1992).

Tiso N.,et al.Biochem. Biophys. Res. Commun. 265:256-259(1999).

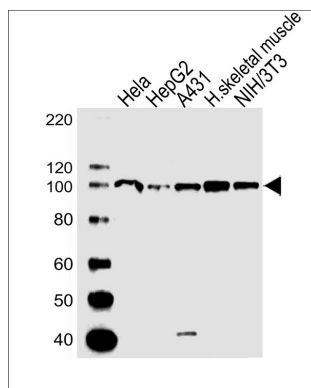
Gregory S.G.,et al.Nature 441:315-321(2006).

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).

## Images

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All lanes : Anti-ACTN2 Antibody (Center) at 1:1000 dilution  
Lane 1: HeLa whole cell lysates Lane 2: HepG2 whole cell lysates Lane 3: A431 whole cell lysates Lane 4: human skeletal muscle lysates Lane 5: NIH/3T3 whole cell 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% NFD/MTBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.