10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ACTN2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20894a

Product Information

Application	WB, E
Primary Accession	P35609
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50256
Calculated MW	103854

Additional Information

Gene ID	88
Other Names	Alpha-actinin-2, Alpha-actinin skeletal muscle isoform 2, F-actin cross-linking protein, ACTN2
Target/Specificity	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.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	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.
Storage	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.
Precautions	ACTN2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

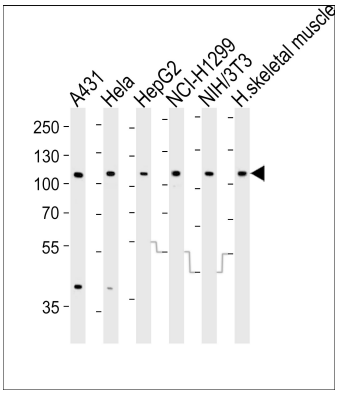
Background

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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Tiso N.,et al.Biochem. Biophys. Res. Commun. 265:256-259(1999).
Gregory S.G.,et al.Nature 441:315-321(2006).
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Images



Western blot analysis of lysates from A431, Hela, HepG2, NCI-H1299, mouse NIH/3T3 cell line, human skeletal muscle tissue lysate (from left to right), using ACTN2 Antibody (Center)(Cat. #AP20894a). AP20894a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

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