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ACTN2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5383

Product Information

Application	WB
Primary Accession	P35609
Other Accession	Q9JI91, P20111, Q3ZC55
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103854
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	88
Antigen Region	352-386
Other Names	Alpha-actinin-2, Alpha-actinin skeletal muscle isoform 2, F-actin cross-linking protein, ACTN2
Dilution	WB~~1:1000
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.
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.

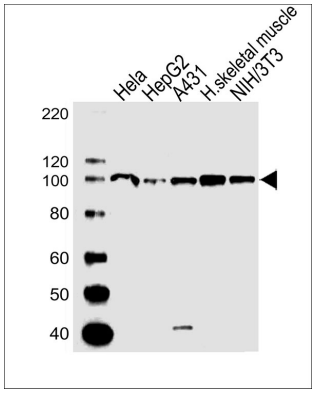
Background

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

References

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).
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Faulkner G.,et al.J. Cell Biol. 146:465-475(1999).

Images



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% NFDM/TBST.

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