

ACTN2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50959

Product Information

Application	WB
Primary Accession	P35609
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
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	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ACTN2. The exact sequence is proprietary.
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

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.

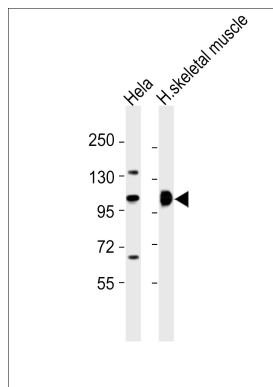
Background

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).
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



All lanes : Anti-ACTN2 Antibody at 1:1000 dilution Lane 1:
HeLa whole cell lysates Lane 2: human skeletal
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'.