

ACTN3 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50960

Product Information

Application	WB
Primary Accession	Q08043
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103241

Additional Information

Gene ID	89
Other Names	Alpha-actinin-3, Alpha-actinin skeletal muscle isoform 3, F-actin cross-linking protein, ACTN3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ACTN3. 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	ACTN3
Function	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.
Tissue Location	Expression restricted to fast (type 2) skeletal muscle fibers (at protein level).

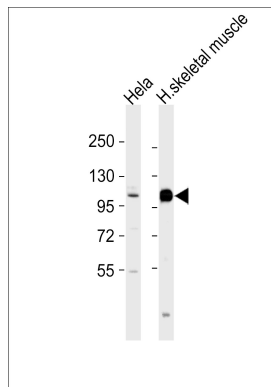
Background

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).
Taylor T.D.,et al.Nature 440:497-500(2006).
Mills M.,et al.Hum. Mol. Genet. 10:1335-1346(2001).
Takada F.,et al.Proc. Natl. Acad. Sci. U.S.A. 98:1595-1600(2001).
Franzot G.,et al.J. Mol. Biol. 348:151-165(2005).

Images



All lanes : Anti-ACTN3 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 : 103 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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