

ACTN3 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50960**Specification**

ACTN3 Antibody - Product Information

Application	WB
Primary Accession	Q08043
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	100 KDa
Antigen Region	1 - 60

ACTN3 Antibody - 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 derived from human ACTN3

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

ACTN3 Antibody - 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

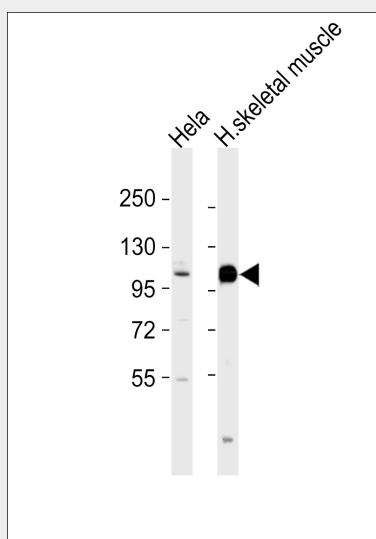
Expressed only in a subset of type 2 skeletal muscle fibers.

ACTN3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ACTN3 Antibody - 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.

ACTN3 Antibody - Background

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ACTN3 Antibody - 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).