

ACTN3 Antibody (aa1-50)
Rabbit Polyclonal Antibody
Catalog # ALS13682**Specification**

ACTN3 Antibody (aa1-50) - Product Information

Application	WB, IHC
Primary Accession	Q08043
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103kDa KDa

ACTN3 Antibody (aa1-50) - Additional Information**Gene ID** 89**Other Names**

Alpha-actinin-3, Alpha-actinin skeletal muscle isoform 3, F-actin cross-linking protein, ACTN3

Target/Specificity

ACTN3 Antibody detects endogenous levels of total ACTN3 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

ACTN3 Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

ACTN3 Antibody (aa1-50) - 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).

Volume

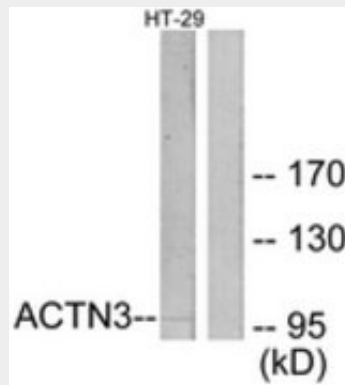
50 µl

ACTN3 Antibody (aa1-50) - Protocols

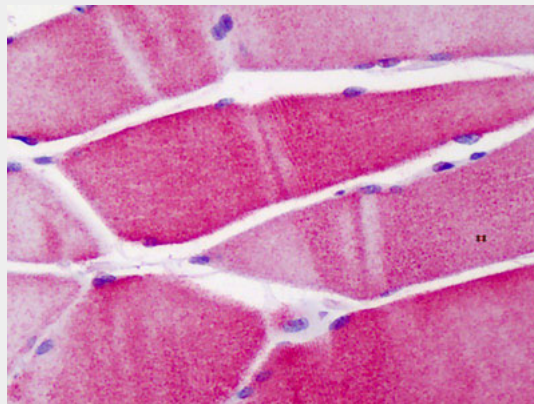
Provided below are standard protocols that you may find useful for product applications.

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

ACTN3 Antibody (aa1-50) - Images



Western blot of extracts from HT-29 cells, using ACTN3 Antibody.



Anti-ACTN3 antibody IHC of human skeletal muscle.

ACTN3 Antibody (aa1-50) - Background

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

ACTN3 Antibody (aa1-50) - 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).
Bienvenut W.V., et al. *Mol. Cell. Proteomics* 11:M111.015131-M111.015131(2012).