

ACTN3 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12327c

Specification

ACTN3 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q08043](#)

ACTN3 Antibody (Center) Blocking peptide - Additional Information

Gene ID 89

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ACTN3 Antibody (Center) Blocking peptide - 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).

ACTN3 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ACTN3 Antibody (Center) Blocking peptide - Images

ACTN3 Antibody (Center) Blocking peptide - Background

Alpha-actinin is an actin-binding protein with multiple roles in different cell types. This gene

expression is limited to skeletal muscle. It is localized to the Z-disc and analogous dense bodies, where it helps to anchor the myofibrillar actin filaments

ACTN3 Antibody (Center) Blocking peptide - References

Rodriguez-Romo, G., et al. Eur. J. Appl. Physiol. 110(6):1099-1106(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Berman, Y., et al. Physiology (Bethesda) 25(4):250-259(2010) Ruiz, J.R., et al. Scand J Med Sci Sports (2010) In press : Buxens, A., et al. Scand J Med Sci Sports (2010) In press :