

ABRA Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12828b**Specification**

ABRA Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q8N0Z2](#)**ABRA Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 137735**Other Names**

Actin-binding Rho-activating protein, Striated muscle activator of Rho-dependent signaling, STARS, ABRA {ECO:0000312|EMBL:AAI051061}

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.

ABRA Antibody (C-term) Blocking peptide - Protein Information**Name** ABRA {ECO:0000312|EMBL:AAI05106.1}**Function**

Acts as an activator of serum response factor (SRF)-dependent transcription possibly by inducing nuclear translocation of MKL1 or MKL2 and through a mechanism requiring Rho-actin signaling.

Cellular Location

Cytoplasm, myofibril, sarcomere. Cytoplasm, cytoskeleton. Note=Localized to the I-band of the sarcomere and to a lesser extent to the sarcomeric structure between Z-lines.

ABRA Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ABRA Antibody (C-term) Blocking peptide - Images**ABRA Antibody (C-term) Blocking peptide - Background**

ABRA acts as an activator of serum response factor (SRF)-dependent transcription possibly by inducing nuclear translocation of MKL1 or MKL2 and through a mechanism requiring Rho-actin signaling (By similarity).

ABRA Antibody (C-term) Blocking peptide - References

Lamon, S., et al. J. Physiol. (Lond.) 587 (PT 8), 1795-1803 (2009) :Kuwahara, K., et al. J. Clin. Invest. 117(5):1324-1334(2007)Kuwahara, K., et al. Mol. Cell. Biol. 25(8):3173-3181(2005)Arai, A., et al. J. Biol. Chem. 277(27):24453-24459(2002)Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)