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Abra antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13448

Specification

Abra antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q8BUZ1
Other Accession	NM_175456, NP_780665
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**41kDa KDa**

Abra antibody - C-terminal region - Additional Information

Gene ID 223513

Alias Symbol	**C130068O12Rik, STARS**

Other Names
Actin-binding Rho-activating protein, Striated muscle activator of Rho-dependent signaling, STARS, Abra {ECO:0000312|MGI:MGI:2444891}

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Abra antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Abra antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Abra antibody - C-terminal region - Protein Information

Name Abra {ECO:0000312|MGI:MGI:2444891}

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.

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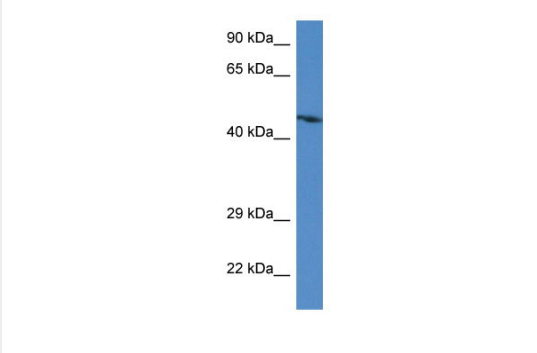
Tissue Location
Expressed specifically in heart and skeletal muscle.

Abra antibody - C-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Abra antibody - C-terminal region - Images



WB Suggested Anti-Abra Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Heart

Abra antibody - C-terminal region - References

Arai A.,et al.J. Biol. Chem. 277:24453-24459(2002).
Carninci P.,et al.Science 309:1559-1563(2005).
Kuwahara K.,et al.Mol. Cell. Biol. 25:3173-3181(2005).
Barrientos T.,et al.J. Biol. Chem. 282:8393-8403(2007).